

UNCLASSIFIED

AD NUMBER

ADB150825

NEW LIMITATION CHANGE

TO

Approved for public release, distribution
unlimited

FROM

Distribution authorized to U.S. Gov't.
agencies and their contractors;
Administrative/Operational Use; 27 Apr 90.
Other requests shall be referred to
Defense Nuclear Agency, 6801 Telegraph
Road, Alexandria, VA 22310- 3398.

AUTHORITY

DSWA ltr., 15 Apr 1997

THIS PAGE IS UNCLASSIFIED

AD-B150 825



Defense Nuclear Agency
Alexandria, VA 22310-3398



DNA-TR-90-33-V4

**Nuclear Employment Planning
Volume IV—Data Dictionary**

DTIC FILE COPY

Donald W. Doerfler
Lowry A. West
Debora R. Gleason
LB&M Associates
211 SW A Avenue
Lawton, OK 73501-4013

DTIC
S ELECTE
DEC 31 1990
D 8 D

December 1990

Technical Report

CONTRACT No. DNA 001-88-C-0068

Distribution authorized to U.S. Government agencies and their contractors; Administrative or Operational Use, 27 April 1990. Other requests for this document shall be referred to Defense Nuclear Agency, 6801 Telegraph Road, Alexandria, VA 22310-3398.

90 12 26 185

DESTRUCTION NOTICE:

FOR CLASSIFIED documents, follow the procedures in DoD 5200.22-M, Industrial Security Manual, Section II-19.

FOR UNCLASSIFIED, limited documents, destroy by any method that will prevent disclosure of contents or reconstruction of the document.

Retention of this document by DoD contractors is authorized in accordance with DoD 5220.22-M, Industrial Security Manual.

PLEASE NOTIFY THE DEFENSE NUCLEAR AGENCY,
ATTN: CSTI, 6801 TELEGRAPH ROAD, ALEXANDRIA, VA
22310-3398, IF YOUR ADDRESS IS INCORRECT, IF YOU
WISH IT DELETED FROM THE DISTRIBUTION LIST, OR
IF THE ADDRESSEE IS NO LONGER EMPLOYED BY YOUR
ORGANIZATION.



DISTRIBUTION LIST UPDATE

This mailer is provided to enable DNA to maintain current distribution lists for reports. We would appreciate your providing the requested information.

- Add the individual listed to your distribution list.
- Delete the cited organization/individual.
- Change of address.

NOTE:
Please return the mailing label from the document so that any additions, changes, corrections or deletions can be made more easily.

NAME: _____

ORGANIZATION: _____

OLD ADDRESS

CURRENT ADDRESS

TELEPHONE NUMBER: () _____

SUBJECT AREA(s) OF INTEREST:

DNA OR OTHER GOVERNMENT CONTRACT NUMBER: _____



CERTIFICATION OF NEED-TO-KNOW BY GOVERNMENT SPONSOR (if other than DNA):

SPONSORING ORGANIZATION: _____

CONTRACTING OFFICER OR REPRESENTATIVE: _____

SIGNATURE: _____

CUT HERE AND RETURN

Director
Defense Nuclear Agency
ATTN: TITL
Washington, DC 20305-1000

Director
Defense Nuclear Agency
ATTN: TITL
Washington, DC 20305-1000

REPORT DOCUMENTATION PAGE			Form Approved OMB No. 0704-0188
<p>Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.</p>			
1. AGENCY USE ONLY (Leave blank)	2. REPORT DATE	3. REPORT TYPE AND DATES COVERED	
	901201	Technical 890711 - 900228	
4. TITLE AND SUBTITLE		5. FUNDING NUMBERS	
Nuclear Employment Planning Volume IV—Data Dictionary		C-DNA 001-88-C-0068 PE 62715H PR - RW TA - RN WU - DH042980	
6. AUTHOR(S)		8. PERFORMING ORGANIZATION REPORT NUMBER	
Donald W. Doerfler, Lowry A. West, Debora R. Gleason			
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)		9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)	
LB&M Associates 211 SW A Avenue Lawton, OK 73501-4013		Defense Nuclear Agency 6801 Telegraph Road Alexandria, Virginia 22310-3398 NAN/Rawlick	
10. SPONSORING/MONITORING AGENCY REPORT NUMBER		11. SUPPLEMENTARY NOTES	
DNA-TR-90-33-V4		This work was sponsored by the Defense Nuclear Agency under RDT&E RMC Code B4662 D RW RN 00003 PRAS 1940A 25904D.	
12a. DISTRIBUTION/AVAILABILITY STATEMENT Distribution authorized to US Government agencies and their contractors; Administrative or Operational Use, 27 April 1990. Other requests for this document shall be referred to Defense Nuclear Agency, 6801 Telegraph Road, Alexandria, VA 22310-3398.		12b. DISTRIBUTION CODE	
13. ABSTRACT (Maximum 200 words) This report contains four volumes, Main Report (Volume I), Functional Description (Volume II), Data Flow Diagrams (Volume III), and Data Dictionary (Volume IV). The objective of this report is to define user planning requirements for tactical nuclear weapons employment. It identifies the nuclear planning employment functions at corps and division echelons, the interfaces among these functions and the interfaces between these functions and other command and control (C2) functions. It is intended that it be used as the basic requirements document for the automation of the nuclear employment planning process as part of the Army Tactical Command and Control System (ATCCS). The Functional Description (Volume II) of the report provides a menu of functions (processes) which, depending on the phase of nuclear employment must be performed to plan for the use of nuclear weapons at corps and division echelons. The processes have been decomposed to five levels of resolution. The Data Flow Diagrams (Volume III), depict the flow of process inputs and outputs, both among the planning processes themselves, as well as between the nuclear employment planning processes and organizational C2 nodes and entities performing other C2 processes. The Data Dictionary (Volume IV), provides a single place to find the full names and definitions of the data terms used in the Functional Description and Data Flow Diagrams. Mission Thread Diagrams found in Volume I (Main Report) supplement the Data Flow Diagrams in that they show the sequence of processes as they are performed in one phase of nuclear planning. Commander's guidance as it applies to nuclear employment planning is discussed separately in the Main Report and interwoven throughout the data flow diagrams, functional descriptions and the data dictionary. All of these elements make up this report and must be viewed together to get the overall picture of the Operational Nuclear Employment Planning Process. (747) X			
14. SUBJECT TERMS		15. NUMBER OF PAGES 186	
ATCCS NUC EMPL PLANNING C2		16. PRICE CODE	
17. SECURITY CLASSIFICATION OF REPORT UNCLASSIFIED	18. SECURITY CLASSIFICATION OF THIS PAGE UNCLASSIFIED	19. SECURITY CLASSIFICATION OF ABSTRACT UNCLASSIFIED	20. LIMITATION OF ABSTRACT SAR

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE

CLASSIFIED BY:

N/A since Unclassified

DECLASSIFY ON

N/A since Unclassified



Accesion For			
NTIS	CRA&I	<input type="checkbox"/>	
DTIC	TAB	<input checked="" type="checkbox"/>	
Unannounced			<input type="checkbox"/>
Justification			
By			
Distribution /			
Availability Codes			
Dist	Avail a c/ or Special		
C-2			

SECURITY CLASSIFICATION OF THIS PAGE

UNCLASSIFIED

SUMMARY

GENERAL.

This is Volume IV of a four volume set which describes the Operational Nuclear Employment Planning Process. This volume contains the Data Dictionary discussed in Section 3 of Volume I (Main Report). The Data Dictionary entries found in this volume are a collection of information about the data defined for the Operational Nuclear Employment Planning Process. It is a set of hierarchically structured, logical definitions for each of the data terms used in Volume III (Data Flow Diagrams) of this report. Each data term, or character string, is limited to 30 characters, which includes all hyphens. This volume, which contains 178 pages, along with Volume II (Functional Description) and Volume III (Data Flow Diagrams) describes the Operational Nuclear Employment Planning Process summarized in Volume I (Main Report).

The most important role of this Data Dictionary is to provide a single place to find the full names and definitions of the data terms used in the Functional Description (Volume II) and Data Flow Diagrams (Volume III). All elements of the data flow diagrams have been defined for the five levels of decomposition described in this report.

DATA CATEGORIES.

The data contained in this dictionary is categorized into one of five types of data used to describe the Operational Nuclear Employment Planning Process. The categories used are discussed in the subparagraphs below.

Basic Data.

Basic data is the type of data which cannot be meaningfully broken down into small components. It is usually described in terms of legal entries or values.

Data Structures.

Data Structures found in this report are a combination of other data or components. All data structures are not shown to their lowest level components due to the levels of decomposition in this report. In those instances where further decomposition is required to identify the lower components the term TO BE DETERMINED (TBD) is used. Each component part of the data structure becomes a data dictionary entry in itself. Elements of a data structure could be Components, Related Data or an Alias.

Aliases.

An Alias is a synonym for a data element which surfaces in the data dictionary of this report because the item has been called a different name elsewhere in the data flow diagram. An alias has no definition of its own; it is only a reference to the main name.

Data Store.

A Data Store is a temporary resting place for information until it is needed by a process in the system. Data stores are dynamic, constantly being revised by processes which use their data. In this report (Volume III Data Flow Diagrams) one data store is named Information Base.

Known Data.

This is data which is commonly understood, and further definition would be redundant or unnecessary.

All data elements in this Data Dictionary have been placed in one of the above five categories, and all elements which make up that item are listed in the definition, unless it is Known Data. All elements, to include subelements (Components, Related Data and Aliases) are entries in this Data Dictionary and have been defined.

EXAMPLE PAGE.

The figure shown below is an actual page from this data dictionary and is a representative description of what was discussed in the preceding paragraphs.

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Actual-HOBs					
	data structure				
		TBD	None	None	Actual Heights of Burst. The actual vertical distance from the earth's surface to the point of burst of a nuclear weapon. Actual HOB may or may not be the calculated desired HOB (DHOB), optimum height of burst (OPTHOB), or fallout safe height of burst (FSHOB).
Adj-Wpn-Aimpts					
	data structure				
		TBD	None	None	Adjusted Weapon Aimpoints. A weapon aimpoint that has been adjusted to consider precision data/guidance.
Adj-Wpn-Yields					
	data structure				
		TBD	None	None	Adjusted Weapon Yields. A weapon yield that has been adjusted to consider precision data/guidance.
Adj-HQ-Sit-Rpts					
	data structure				
		Adj-Unit-Locs			
		Adj-Unit-Activities			
		Adj-Unit-Missions			
			None	Ext-Sit-Rpts	
					Adjacent Headquarters Situation Reports. These reports relate what has happened, or is happening, at an adjacent unit. They may contain information relating to enemy activity, current operations, personnel status, etc., that may be needed for operational planning.
Adj-Nuc-Pkg-Aimpts-Ylds					
	data structure				
		TBD	None	None	Adjustments to Nuclear Package Aimpoints and/or Yields. Adjustments are based on changing target size, location or employment guidance.
Adj-Nuc-Pkg-Dec-Pts					
	data structure				
		TBD	None	None	Adjustments to Nuclear Package Decision Points. Decision points are those times, places, situations on the battlefield where and when the commander has said he will commit to the use of nuclear weapons. Adjustments are made to these decision points in the process of reviewing and refining nuclear packages to ensure they facilitate the changing tactical situation and conform to established employment guidance.
Adj-Nuc-Pkg-Tgts					
	data structure				
		TBD	None	None	Adjustments to Nuclear Package Targets. Targets which are added to, deleted from, or modified within an approved

TABLE OF CONTENTS

Section	Page
SUMMARY	iii
DNA Data Dictionary.....	1

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Actual-HOBs	data structure	TBD	None	None	Actual Heights of Burst. The actual vertical distance from the earth's surface to the point of burst of a nuclear weapon. Actual HOB may or may not be the calculated desired HOB (DHOB), optimum height of burst (OPTHOB), or fallout safe height of burst (FSHOB).
Adj'd-Wpn-Aimpts	data structure	TBD	None	None	Adjusted Weapon Aimpoints. A weapon aimpoint that has been adjusted to consider preclusion data/guidance.
Adj'd-Wpn-Yields	data structure	TBD	None	None	Adjusted Weapon Yields. A weapon yield that has been adjusted to consider preclusion data/guidance.
Adj-HQ-Sit-Rep's	data structure	Adj-Unit-Locs			
		Adj-Unit-Activities			
		Adj-Unit-Missions			
		None	Ext-Sit-Rep's		Adjacent Headquarters Situation Reports. These reports relate what has happened, or is happening, at an adjacent unit. They may contain information relating to enemy activity, current operations, personnel status, etc., that may be needed for operational planning.
Adj-Nuc-Pkg-Aimpts-Ylds	data structure	TBD	None	None	Adjustments to Nuclear Package Aimpoints and/or Yields. Adjustments are based on current target size, location or employment guidance.
Adj-Nuc-Pkg-Dec-Pts	data structure	TBD	None	None	Adjustments to Nuclear Package Decision Points. Decision points are those times, places, situations on the battlefield

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Adj-Nuc-Pkg-Tqts	data structure	TBD	None	Adjustments to Nuclear Package Targets. Targets which are added to, deleted from, or modified within an approved nuclear package based on changes in the tactical situation. Modifications include changes in target size, composition location, and/or configuration.	
Adj-Nuc-Subpkq-Aimpts-Ylds	data structure	TBD	None	Adjustments to Nuclear Subpackage Aimpoints and/or Yields. See definition at Adj-Nuc-Pkg-Aimpts-Ylds. Planning for employment of subpackages is done at the division level.	
Adj-Nuc-Subpkq-Dec-Pts	data structure	TBD	None	Adjustments to Nuclear Subpackage Decision Points. Refer to the remarks column under Adj-Nuc-Pkg-Dec-Pts.	
Adj-Nuc-Subpkq-Tqts	data structure	TBD	None	Adjustments to Nuclear Subpackage Targets. See definition under Adj-Nuc-Pkg-Tqts. Subpackage planning is performed at the division level.	
Adj-Tgt-Aimpoints	data structure	TBD	None	Aimpoint-Sel-P'dures	Adjusted Target Aimpoints. Target aimpoints which have been adjusted in order to preclude nuclear preinitiation.
Adj-to-Nuc-Wpns-Pack-Subpk	data structure				

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Adjmts-to-NWpns-Pack					
Adjmts-to-NWpns-Subpack	None	None	Adjmts-to-Nuclear Weapons Package/Subpackage.		
Adj-Unit-Activities					Adjustments made to a nuclear package or subpackage based upon changes in the tactical situation or employment guidance.
Adj-Unit-Locs					
Adj-Unit-Missions					
Adjmts-to-NWpns					
Adjmts-to-NWpns-Pack					
Adjmts-to-NWpns-Subpack					

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Adv-Assoc-Emp-NW_Ea-COA	data structure	TBD	None	None	Advantages Associated with the Employment of Nuclear Weapons in Each Course of Action (COA). See "Remarks" column of next entry.
Adv-Disadv-Each-NWpns-Spl-COA	data structure	Adv-Assoc-Emp-NW-Ea-COA Disadv-Assoc-Emp-NW-Ea-COA Rcord-AdvDisadv-Ea-NW-Spl-COA	None	None	Advantages/Disadvantages of Each Nuclear Weapons-Supported Course of Action (COA). An identification of those aspects of a nuclear weapons-supported COA which will or could have either positive or deleterious influences/effects upon mission accomplishment.
Aimpoint-Sel-Pdres	data structure	Preinit-Avoid-Pdres	None	Adj-Tgt-Aimpoints	Aimpoint Selection Procedures. The standard, technical procedures used in nuclear employment analysis to arrive at initial or adjusted aimpoints by considering target data, required target damage, conventional weapon contribution, and/or preclusion data.
Air-Conv-Tgt-List	data structure	TBD	None	None	Air Conventional Target List. A listing of targets which are intended for attack by air-delivered conventional munitions. This term is used in the nuclear fire support planning process of determining the percentage of overall required target damage which will be contributed by conventional weapons.
Air-Del-Nuc-R'scres-Avail-Plan	data structure				

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Air-Del-Res-Reqd	data structure	TBD	None	None	Air-Delivered Nuclear Resources Available for Planning. Those air-delivered nuclear weapons which have been allocated for planning by a higher headquarters.
Air-Nuc-Del-Sys-Caps	data structure	TBD	None	None	Air Delivery Resources Required. The actual number and type of air-delivery nuclear weapons required to execute a package or subpackage which has been authorized for employment.
Air-Nuc-Del-Sys-Resp-Times	data structure	TBD	Nuc-Air-Del-Sys-Caps	None	Air Nuclear Delivery System Capabilities. The range, accuracy, type of payload, etc. of air nuclear delivery systems. When determining the type of air nuclear delivery systems required and available for selective employment planning, the capabilities of these systems must be readily available or known.
Air-Resuppl-Proc	data structure	TBD	Air-Nuc-Del-Sys-Resp-Times	None	Air Nuclear Delivery System Response Times. The doctrinal response time for a given type of air delivery platform, commencing from the time a request for employment is received.

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Air-Spt-Plan	data structure	Air-Conv-Tgt-List	None	Air Support Plan. The document developed and used in the fire support planning process which details how air assets will be used in support of the mission to be accomplished.	
Alt-COA-for-Nuc-Empl-Pln-P'frm	data structure	Alt-NW-Spt-COA-Acc-Pri-Msn	None	Adv-Assoc-Emp-NW-Ea-COA	Alternative Courses of Action (COA) for Which Nuclear Employment Planning is to be Performed. Those COAs not selected by the commander for execution of a mission but for which he desires nuclear employment planning.
Alt-Nuc-Wpns-Spt-Crs-Action	data structure	Alt-NWpns-Spt-Mtr-Schemes	None	Adv-Disadv-Each-NWpns-Spt-CCA	
		Anal-of-Relative-Cmbt-Power		Mod-Course-of-Action	
		COA-Sketches		Alternative Nuclear Weapons-Supported Courses of Action.	
		NWpns-Spt-COA-Simts		Those candidate nuclear weapons-supported courses of action which will provide for accomplishment of the mission while meeting commander's guidance.	
		Input-NW-Sptd-COA-Simts			
		COA-Nuc-FC-Msr-Sketches			
		None			
Alt-NW-Spt-COA-Acc-Pri-Msn	data structure	TBD	None	None	Alternative Nuclear Weapons-Supported Courses of Action (COA) to Accomplish Primary Mission. Secondary COAs not selected as the basis for mission execution but which the commander desires retained for contingency planning.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Alt-NWpns-Spt-Mvr-Schemes	data structure	Init-Array-Nuc-Del-Sys Init-Alloc-NW-Spt-Ea-Sch-Mvr Nuc-FC-Msrs-Ea-Sch-Mvr			
		None	Air-Nuc-Wpns-Spt-Crs-Action		Alternative Nuclear Weapons-Supported Maneuver Schemes.
					Maneuver schemes associated with alternative nuclear weapons courses of action.
Anal-Enemy-Nuc-Cap	data structure	TBD	None	Enmy-Nuc-Intent Enmy-Nuc-Sys Enmy-OB	Analysis of Enemy Nuclear Capabilities. An analysis of the enemy capability to employ nuclear weapons in support of combat operations. Knowing as much as can be determined through intel reports and the IPB process about the enemy nuclear capabilities aids in the analysis of relative combat power, in selecting aimpoints, and ultimately in development of courses of action.
Anal-Fri-Force-Nuc-Caps	data structure	TBD	None		
					Analysis of Friendly Force Nuclear Capabilities. An analysis which includes the current and anticipated status of: nuclear-capable units (personnel, maintenance/supply of equipment, nuclear weapons on-hand, location, activities); communications systems/units supporting nuclear operations; logistics units/elements supporting nuclear operations, to include NASP/WHA areas.
Anal-NWpns-Spt-COA	data structure			Vis-Nuc-Emp-Ea-COA Vis-Enemy-Rx-Nuc-Emp NWpns-Spt-Mvr-Couteraxs	
				None	Analyzed Nuclear Weapons-Supported Courses of Action.
					Nuclear weapons-supported courses of action which have been war-gamed against likely enemy courses of action.

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Anal-of-Nuc-Empl-Aspects-of-MS	data structure	Staff-Subord-Hq-Plan-Prep-Time Rcord-of-Spec-Nuc-Empl-Tasks Rcord-of-Impl-Nuc-Empl-Tasks Limit-on-Empl-Nuc-Wpns Avail-Nuc-Wpns-Empl-Res	Anal-of-Nuc-Empl-Aspects-of-MS	Adj-HQ-Sit-Rpts Adj-Unit-Missions	Analysis of the Nuclear Employment Aspects of the Mission. This is an analysis of the organizational mission in order to determine the nuclear employment-related tasks which must be accomplished, their complexity, and their relative importance. The results of this analysis aids in the development of the communications plan, in analyzing the need for changes to the mission, in formulating nuclear-related portions of estimates, in targeting, and in developing/refining nuclear packages/subpackages.
Anal-of-Relative-Cmbt-Power	data structure	Anal-Fri-Force-Nuc-Caps Anal-Enemy-Nuc-Caps	Anal-Rel-Nuc-Cmbt-Power	None	Analysis of Relative Nuclear Combat Power. A comparison of friendly and enemy capabilities to employ nuclear weapons. In analyzing relative combat power, conclusions as to the types of friendly and enemy nuclear weapons-supported operations which can be conducted are made.
Anal-of-Nuc-Cmbt-Power	alias; main name- Anal-of-Relative-Cmbt-Power				Analysis of Relative Nuclear Combat Power.
Anal-of-Nuc-Empl-Aspects-of-MS	alias; main name--Anal-of-Nuc-Empl-Aspects-of-MS				Analysis of the Nuclear Employment Aspects of the Mission

DNA DATA DICTIONARY

NAME	DATA	COMPONENTS	ALIASES	RELATED DATA	REMARKS
App-Nuc-Wpns-Pack	data structure				
		I'grated-Corps-Nuc-Wpns-Pack			
		Eval-Nuc-Wpns-Pack-Subpack			
		Adj-to-Nuc-Wpns-Pack-Subpack			
		Corps-Cdr-Appd-NWpns-Pack			
		App-Nuc-Wpns-Subpack			
		None	None	Approved Nuclear Weapons Package/Subpackage.	
Appd-Nuc-Empl-IP-to-OPORD-Plan					
	data structure	TBD	Apvd-Nuc-Empl-IP-to-OPORD-PIn		
			Alt-of-Nuc-Empl-Aspects-of-MS		
			Apvd-Nuc-Spt-Crs-Action		
				Approved Nuclear Employment Inputs to the OPORD/OPLAN.	
				Nuclear employment inputs which have been reviewed by	
				the commander, or his designated representative, as a part of	
				the approval process in publishing an OPORD/OPLAN.	
Apvd-Nuc-Empl-IP-to-OPORD-PIn					
	alias; main name--Apvd-Nuc-Empl-IP-to-OPORD-Plan				
				Approved Nuclear Employment Inputs to the OPORD/OPLAN.	
Apvd-Nuc-Spt-COA					
	alias; main name--Apvd-Nuc-Spt-Crs-Action				
				Approved Nuclear Weapons-Supported Course of Action.	
Apvd-Nuc-Spt-Crs-Action					
	data structure				
		COA-CF-Concept			
		COA-Deep-Opns-Concept			
		COA-Close-Opns-Concept			
		Apvd-Nuc-Spt-COA			
		None		Approved Nuclear Weapons-Supported Course of Action. A	
				nuclear weapons-supported course of action which has been	
				recommended by the staff and approved by the commander.	
Arty-Conv-Tgt-List					
	data structure				

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
As-Reqd-Sit-Rpts	data structure	TBD	None	None	As-Required Situation Reports. Situation reports that are submitted based on the occurrence of a specific event.
As-Reqd-Sit-Rpts	data structure	TBD	None	None	As-Required Status Reports. Status reports that are submitted based on the occurrence of a specific event.
As-Reqd-Org-Mission	data structure	TBD	None	None	Assigned Organizational Mission. The mission assigned to an organization by a higher authority.
Assessment-of-Situation	data structure	TBD	None	None	
Assumpt-Plan-Assumpt	data structure	TBD	None	None	Assessment of the Validity of Planning Assumptions. An evaluation of the continued validity of planning assumptions on which developed nuclear weapons packages/subpackages are originally based.
Assumpt-Plan-to-Empl-NWons	data structure	TBD	None	None	Unavail-Facts-Rvnt-NW-Empl Chng'd-Facts-Rvnt-NW-Empl

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Assumptions	None			Assumptions Pertaining to the Employment of Nuclear Weapons.	Nuclear weapons assumptions made by the commander and staff to replace missing facts or facts which will change during the course of planning.
Authorization-Documents	data structure	TOEs	None	None	Authorization Documents. Official documents which contain the authorized personnel and/or equipment a unit should have.
Avail-CallSigns-Suffixs-Freqs	data structure	TBD	None	Curr-CE-Oper-Instr	Available Call Signs, Suffixes, and Frequencies.
Avail-Com-Means-Spt-Nuc-Em-Op	data structure	TBD	None	None	Availability of Communications Means to Support Nuclear Employment Operations. A determination of the communications means available for use in nuclear weapons planning. Communications means is a collective term for the types of communications systems available, such as messenger, wire, radio sound/visual.
Avail-Com-Modes-Spt-Nuc-Em-Op	data structure	TBD	None	None	Available Communications Modes to Support Nuclear Employment Operations. A determination of the communications modes available for use in nuclear weapons planning. Communications modes is a collective term for the types of information transmission within each communications means. Example: radio-tactical satellite, mobile subscriber equipment, etc.
Avail-Field-Phone-Des-Nos	basic data	TBD	None	None	Available Field Telephone Designators and Numbers.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		Descript-of-Pose-NWpns-Cbt-Op			
		Cdr's-Suppl-Planning-Guid			
		Nuc-Targeting-Info			
		Sit-Anal-of-NWpns-Spt-Crs-Act	None	None	Concept of Nuclear Employment Operations. The commander's concept for employing nuclear weapons as part of a course of action designed to accomplish the mission.
CPare-Actual-Desired-Sit	data structure	TBD	None	None	Comparison of the Actual to the Desired Situation. A comparison of the portrayal of the actual nuclear weapons employment situation acquired through monitoring the situation with the desired situation as reflected in current orders/plans.
CPare-Alt-Nuc-Spt-Crs-Action	data structure				
		Anal-NWpns-Spt-COA			
		Adv-Disadv-Each-NWpns-Spt-COA			
		Cpare-COA-Adv-Disadv			
		Intel-Spt-of-Each-COA			
		FS-Spt-of-Each-COA			
		Log-Spt-of-Each-COA			
		CMO-Spt-of-Each-COA			
		Pers-Spt-of-Each-COA			
		Cdr's-COA-Anal			
		Anal-of-Relative-CmbI-Power			
		COA-Sketches			
		Alt-NWpns-Spt-Mvr-Schemes			
		COA-Nuc-FC-Msr-Sketches	None	Vis-Nuc-Emp-Ea-COA Vis-Enemy-Rx-Nuc-Emp NWpns-Spt-Mvr-Counteraxs	Comparison of Alternative Nuclear Weapons-Supported Courses of Action. A comparison alternative nuclear weapons-supported courses of action in terms of significant advantages/ disadvantages of each, or in terms of the major considerations that emerged during course of action (COA) analysis.
CPare-CE-Crs-of-Action					

DNA DATA DICTIONARY

NAME	DATA	COMPONENTS	ALIASES	RELATED	REMARKS
TYPE	DATA				
data structure		Comms-Regmts-Each-NW-Spld-COA			
		None			Comparison of Communications-Electronics Courses of Action. A comparison of alternative communications-electronics courses of action in terms of the significant advantages and disadvantages of each in support of nuclear weapons employment.
Cpore-COA-Adv-Disadv					
data structure	TBD		None		Comparison of Course of Action Advantages and Disadvantages. The process of analyzing available facts and assumptions, as they pertain to each nuclear weapons-supported course of action, to arrive at an optimum nuclear weapons-supported course of action.
C'strnts-on-Empl-NWpns					
data structure		Time-Csr-Plan-Emp-Nuc-Wpns			
		Rqmts-Minc-Nuc-Wpn-Reserves			
		Csr-Nuc-Wpns-Tqting			
		None	None		Constraints on the Employment of Nuclear Weapons. Identified constraints result from identifying limitations placed on the organization by higher headquarters which limit the organization's freedom of action by requiring that a nuclear employment-related action be performed.
C'strnts-on-NWpns-Tqting					
data structure	TBD		Cstr-Nuc-Wpns-Tqting		
			None		Constraints on Nuclear Weapons Targeting. Constraints which direct that targets of a specified nature or location be attacked with nuclear weapons.
Cdr's-COA-Anal					
data structure			TBD	None	Commander's Course of Action Analysis. A determination by the commander as to the optimum nuclear weapons-supported course of action to accomplish a given mission.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Cdr's-COA-Descript	data structure				
	TBD	None	None	Commander's Course of Action Description. The commander's articulation of the nuclear weapons-supported course of action he has selected for implementation.	
Cdr's-Dec-Con-for-Empl-Nuc-Wpn	alias; main name-Cdr's-Dec-Con-for-Empl-NWpns				
				Commander's Decision and Concept for the Employment of Nuclear Weapons.	
Cdr's-Dec-Con-for-Empl-NWpns	data structure				
		Staff-Nuc-COA-R'mendation			
		Apvd-Nuc-Spl-Crs-Action			
		C'cpt-Nuc-Empl-Ops			
		Dir-Red'rm-Nuc-Empl-C'cpt			
		Mod-Course-of-Action			
		Cdr's-Dec-Con-for-Empl-Nuc-Wpn			
		None	None	Commander's Decision and Concept for the Employment of Nuclear Weapons.	
Cdr's-Decision	data structure				
	TBD	None	None	Commander's Decision. The decision made by the commander, based on the recommendation(s) of the staff and the commander's own analysis on the course of action he desires implemented.	
Cdr's-Estimate	data structure				
	METT-T	None	None	Commander's Estimate. The Commander's Estimate is an analysis of all the factors affecting reasonable and practical accomplishment of a given mission. After considering METT-T (mission, enemy, troops, terrain, and time available), the commander applies his personal knowledge of the situation, legal and political considerations, and other staff estimates to arrive at a decision.	

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Cdr's-Init-Planning-Guid					
	data structure	Restated Mission Guid-Cstance-Limits-NWpns-Empl Guid-NWpns-Empl-Act-Dcpt-Ops Guid-Piclus-C'lat-Dam-Obstacles			
		None			
				Cdr's-Estimate	
				Cdr's-Decision	
					Commander's Initial Planning Guidance. The commander's preliminary guidance to the staff which he uses to focus their planning efforts. Initial planning guidance is normally given following mission analysis.
Cdr's-Statement-Of-Intent					
	data structure	TBD	None		Commander's Statement of Intent. An amplification of the commander's concept in which he states the purpose of each of the significant steps in accomplishing the mission.
Cdr's-Suppl-Planning-Guid					
	data structure	Nuc-Wpns-Atk-Guid Guid-for-Init-Req-Nuc-Wpns-Ema Nuc-Empl-OPSEC-Guid Guid-on-Risk-Vul-Crit Guid-on-Falkout-Rstrict Guid-on-Troop-Safety-Rqmts Guid-Tgt-Dam-Defeat-Crit-Rvis Heights-of-Burst			
					Commander's Supplementary Planning Guidance. Guidance given by the commander which he uses to guide the staff in development of the commander's decision and concept into implementing directives.
Cdr-Staff-Estimates					
	data structure				
				Cdr-Staff-Off-Est Intelligence-Estimate Commo-Elect-Estimate	

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		Ops-Estimate			
		Personnel-Estimate			
		Log-Estimate			
		Civ-Mil-Estimate			
		None			
		Cdr's-Estimate			
		Staff-Estimate			
					Commander/Staff Officer Estimates. See Cdr's-Estimate and Staff-Estimate entries for more information.
Cdr-Staff-Off-Est					
		alias; main name-Cdr-Staff-Estimates			Commander and Staff Officer Estimates.
Changes-Enemy-Force-Behav					
	data structure	TBD	None		
					Anal-Enemy-Nuc-Caps
					Changes in Enemy Force Behavior. A change in enemy behavior they have been attacked with a nuclear weapon(s).
Changes-Nuc-Empl-Res					
	data structure	TBD	None		
					Cormo-Resource-Status-Rpts
					CSS-Status-Rpts
					Del-Sys-Status
					Changes in Nuclear Employment Resources. Changes in the status of friendly force nuclear resources after execution of one or more nuclear employment tasks.
Chngq-Facts-Rvnt-NW-Empl					
	data structure	TBD	None		
					Changing Facts Relevant to Nuclear Weapons Employment.
					Facts concerning the nuclear employment situation which are anticipated to change over the course of the planning cycle.
Civ-Cult-Resource-Locs					
	data structure	TBD	None		
					Civilian Cultural Resource Locations.

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Civ-Industrial-Resource-Locs					
data structure	TBD	None		Civilian Industrial Resource Locations.	
Civ-Mil-Estimate					
data structure	TBD	None		Civil-Military Operations (CMO) Estimate. An estimate of the impact of civil-military operations on various COAs. The estimate includes details on the CMO areas of: government and economic functions, public facilities, refugees/evacuees/displaced persons, cultural affairs and monuments/arts locations.	
Civ-Pop-Locs					
data structure	TBD	None		Civilian Population Locations.	
Civ-Pop-Mvmts					
data structure	TBD	None		Civilian Population Movements. On-going or anticipated movements of civilians/refugees which potentially impact the use of nuclear weapons.	
Civ-Trans-Resource-Status					
data structure	TBD	None		Civilian Transportation Resource Status. Availability of civilian transportation assets for the movement of the civilian populace.	
Class-V-Trans-Constrs					
data structure	TBD	None		Class V Transportation Constraints. Constraints on transportation of nuclear weapons which are based on the tactical situation, the political situation within the host nation and the availability of escort personnel and vehicles (to include aircraft).	
Cloud-Conditions					
data structure					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Cmbt-Commo-Sys-Doc	TBD	None	None	Cloud Conditions.	
CMO-Spt-of-Each-COA data structure	TBD	None	None	Combat Communications System Doctrine. Tactics, techniques, and procedures on the use of communications systems in support of combat operations. Included in this doctrine: Command and control communications procedures; communications procedures to support intelligence collection efforts; OPSEC and countermeasures to enhance communications security; backup communications plans; electronic warfare. See FM 24-1.	
CMO-Spt-of-Each-COA data structure	TBD	None	None	Civil-Military Operations Supportability of Each Course of Action. The analysis of a nuclear weapons-supported course of action from the standpoint of its impact on the conduct of civil-military operations.	
COA-CF-Concept					
COA-Close-Oprns-Concept					
COA-Deep-Oprns-Concept					
COA-Ev-Init-Nuc-Emp-ReqAuth					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
COA-Nuc-Emp-ReqAuth-Ex-Dec-Pis	data structure	TBD	None	None	Course of Action Events for Initiation of Nuclear Employment/Request/Authorization. Events established during the development and analysis of a course of action which will be used to signal the initiation of nuclear employment authorizations or requests for authorization.
COA-Nuc-FC-Msr-Sketches	data structure	TBD	None	None	Course of Action Nuclear Employment Request/Authorization/Execution Decision Points. Events established during the development and analysis of a course of action which will be used as a decision point to request, authorize, or execute nuclear employment.
COA-Nuc-Fire-Cont-Sketches	data structure	TBD	None	None	Course of Action Nuclear Fire Control Measure Sketches. Fire control measures applicable to nuclear weapons, such as no fire areas, boundaries, and the coordinated fire line.
COA-Sketches	data structure	TBD	None	None	Course of Action Sketches. An outline of an operation overlay for a course of action. Such a sketch normally includes location of the planning headquarters, major subordinate unit boundaries, control measures, and allocated forces.
Collated-Info-on-Curr-Sit	data store				
				Info-Accept-Recorded	
				Info-Stored-in-Info-Base	
				Formatted-Req-for-Info	
				Rpts-Req-Dir-Parted-for-T-msn	

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		Info-Distr-for-Use			
		Info-Accept-Recorded			Collated Information on the Current Situation. Information on the current situation which has been received, processed, and distributed.
Com-Pers-Av-Est-Main-Com-Means	basic data	TBD	None	None	Communications Personnel Available to Establish and Maintain Communications Means. By unit TOEs, there are a number of positions authorized for operation and maintenance of various communications means. This term refers to the number of those positions occupied by soldiers available for duty.
Com-Pers-Av-Est-Main-Com-Modes	basic data	(b)(1)	None	None	Communications Personnel Available to Establish and Maintain Communication Modes. By unit TOEs, there are a number of positions authorized for operation and maintenance of various communications modes. This term refers to the number of those positions occupied by soldiers available for duty.
Com-Ppe-PkgSub-NucRes-Av-Plan	data structure	TBD	None	None	Comparison of Proposed Package/Subpackage to Nuclear Resources Available for Planning. A comparison of the number, type, and yield of package/subpackage weapons to ensure that they conform to higher headquarters resource guidance.
Commo-Chan-NWpns-Related-Commo	data structure	Plan-Estab-EA-Network	None	None	Communications Channels for Nuclear Weapons-Related Communications.
Commo-Elect-Estimate	data structure	C'Pare-CE-Crs-of-Action	None	None	Communications-Electronics Estimate. Process by which the signal officer to determines the best way to use available

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Comms-Mgmt-Plng-Doc	data structure	TBD	None	None	Communications Management Planning Doctrine. Techniques and procedures for the planning aspects of managing military communications. See FM 24-22.
Comms-Reqmts-Each-NW-Spid-COA	data structure	TBD	None	None	Communications Requirements for Each Nuclear Weapons-Supported Course of Action. The requirements on communications systems necessitated by the planning for employment of nuclear weapons within each COA.
Comms-Unit-Stat-Rep	data structure	Op-Avail-Commo-Means Op-Avail-Commo-Modes	None	None	Communications Unit Status Report. Report from a supporting communications unit on the status of operational availability of communications means and modes.
Comp-Ppse-PkgSubpkq-COA	data structure	TBD	None	None	Comparison of Proposed Package/Subpackage to Course of Action (CCA). A comparison of a developed nuclear weapons package/subpackage to a primary or alternative COA to ensure the package/subpackage fulfills its designated purpose in facilitating mission accomplishment.
Conc-Nuc-Ops	data structure	TBD	None	None	Concept of Nuclear Operations. The result of developing a statement of the concept of nuclear operations for inclusion in the fire support annex of the operations order or plan.
Conc-Nuc-Spt	data structure	TBD	None	None	Concept of Nuclear Support. A general statement of how

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Corps-App-Nuc-Wpns-Subpack	alias; main name- Corps-Advd-Nuc-Wpns-Subpack			Corps Approved Nuclear Weapons Subpackage.	nuclear weapons will be employed to support the overall concept of the operation. The concept is included in paragraph 3 of the OPLAN/OPORD.
Corps-App-NWpns-Subpack	alias; main name- Corps-Advd-Nuc-Wpns-Subpack			Corps Approved Nuclear Weapons Subpackage.	
Corps-App-NWpns-Subpack	alias; main name- Corps-Advd-Nuc-Wpns-Subpack			Corps Approved Nuclear Weapons Subpackage.	
Corps-Advd-Nuc-Wpns-Subpack	data structure	Corps-Subpkgs-Aimpts Corps-Subpkgs-Wpns		Corps App-Nuc-Wpns-Subpack Corps App-NWpns-Subpack Corps Advd-NWpns-Subpack	Corps Approved Nuclear Weapons Subpackage. A nuclear weapons subpackage which has been submitted by a division and approved by the corps commander.
Corps-Advd-NWpns-Subpack	alias; main name- Corps-Advd-Nuc-Wpns-Subpack			Corps Approved Nuclear Weapons Subpackage.	
Corps-Cdr-Advd-NWpns-Pack	data structure	Assmt-Val-Plan-Assumpt Rev-COA-PkgSubpkgs-Content Rev-PkgSubpkgs-Content		None	Corps Commander Approved Nuclear Weapons Package. Nuclear weapons packages with subordinate subpackages that has been approved by the responsible corps commander.
Corps-Pkg-Aimpts	data structure	TBD		None	Corps Package Aimpoints.

JVA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Corps-Pkg-Wpns					
	data structure	TBD	None	None	Corps Package Weapons.
Corps-Subpkgs-Aimpts					
	data structure	TBD	None	None	Corps Subpackage Aimpoints.
Corps-Subpkgs-Wpns					
	data structure	TBD	None	None	Corps Subpackage Weapons.
Critical-Planning-Info					
	data store	Mvmt-Planning-Info	Resupply-Planning-Info	None	Critical Planning Information. Time sensitive nuclear employment information provided to subordinates to allow them to begin planning to take appropriate actions at the earliest possible time.
CSS-Doc					
	data structure	TBD	None	None	Combat Service Support Doctrine. The tactics, techniques, and procedures which guide the use of CSS in combat operations. Included in: ARs 55-203, 59-2, 95-27, 190-11, 385-64, 700-22, 710-2, FMs 9-6, 9-84, 63-3J, 63-4, 100-10, 100-50.
CSS-Status-Rpts					
	data structure	Class-V-Trans-Constr's	Trans-Unit-Equipm-Status	None	CSS-Unit-Sit-Rpts
		Trans-Unit-Pers-Status			Combat Service Support Unit Status Reports.
		Ord-Unit-Storage-Caps			
		Ord-Unit-Wgn-Status			
		None			

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
CSS-Unit-Sit-Rpts	data structure	Ord-Unit-Locs			
		Ord-Unit-Activities			
			None	None	Combat Service Support Unit Situation Reports.
Cstr-Nuc-Wpns-Tgting					Constraints on Nuclear Weapons Targeting.
					alias: main name-C:stms-on-NWpns-Tgting
Cstrmt-NW-Emp-C:sid-Dur-Plan'g	data structure	TBD	None	None	Constraints on Nuclear Weapons Employment to be Considered During Planning. Those constraints which the commander desired considered by the staff during the planning process.
Cting-Roles-NW-COA-Br-Seq	data structure	TBD	None	None	Contingency Roles for Nuclear Weapons in Course of Action Branches and Sequels. Roles which nuclear weapons will play in alternative lines of operation and variations in the outcome of battles.
Cur-Proj-Del-Sys-Locs	data structure	TBD	None	None	Current and Projected Delivery System locations. Grid locations of the current delivery system, locations and of their projected locations as they are determined.
Cur-Proj-Sen-Sys-Locs	data structure	TBD	None	None	Current and Projected Sensor System Locations. Grid locations of the current delivery system locations and of their projected locations as they are determined.
Curr-CE-Oper-Instr	data structure				
					Avail:CallSigns-Suffixs-Freqs
					Avail:Field-Phone-Des-Nos
					Curr-Numer-Cipher-Auth-Sys
					Curr-CEO

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Curr-CEOI	alias; main name--Curr-CE-Oper-Instr			Current Communications-Electronics Operating Instructions.	
Curr-Enmy-Activities					
	data structure	TBD	None	Current Enemy Activities. A description of enemy activities within the area of operations and area of interest.	
Curr-Enmy-Locs					
	data structure	TBD	None	Current Enemy Locations. Grid locations of currently identified enemy locations.	
Curr-Enmy-Sit					
	data structure	TBD	None	Current Enemy Situation. Current enemy locations and activities within the area of operations and area of interest.	
Curr-Fri-Forces-Status					
	data structure	TBD	None	Current Friendly Forces Status. Their personnel, equipment, and supply status of friendly forces.	
Curr-Fri-Sit					
	data structure	TBD	None	Current Friendly Situation. Current friendly force locations and activities.	
Curr-Numer-Cipher-Auth-Sys					
	data structure	TBD	None	Current Numerical Cipher/Authentication System. A cipher system is a crypto system that, by means of a key, converts plain or encoded text to signals into unintelligible form and vice versa. An authentication system protects communications systems against	

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Curr-Phys-Cbt-Stress	data structure	TBD	None	None	Current Physical 'Combat Stress. Current state of soldier stress in units which may potentially lead to, or have already caused, degraded soldier performance.
Curr-Plan'd-Nuc-Pkg-Subpkg	data structure	TBD	Curr-Plnd-Nuc-Pack-Subpack	None	Current Planned Nuclear Packages/Subpackages. Any nuclear packages and subpackages which have been approved for potential use in planned operations.
Curr-Plnd-Nuc-Pack-Subpack					
alias: main name=Curr-Plan'd-Nuc-Pkg-Subpkg					
Curr-Proj-C'surv-I-Cmsrs	data structure	TBD	None	None	Current and Projected Countersurveillance Measures and Intelligence Countermeasures. Current established friendly force measures and countermeasures to provide operational security for current operations.
Curr-Proj-Enmy-Sit	data structure		Curr-Enmy-Sit	None	
			Proj-Enmy-Sit	None	
Curr-Proj-Fri-Sit	data structure		Curr-Fri-Sit	None	
			Proj-Fri-Sit	None	
Curr-Sold-Fers-Readiness					Current and Projected Friendly Situation.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
data structure	TBD	None	None	Current Soldier Personnel Readiness. The preparedness of soldiers in units for combat operations in terms of training, health, and motivation.	
Curr-Weather-Forecasts					
data store	TBD	None	None	Current Weather Forecasts.	
Current-Time					
data structure					
	Hours				
	Minutes				
	Time-Zone				
	Month				
	Year				
		None	None	Current Time.	
Dcpt-Commo-Req					
data structure	TBD	None	None	Deception Communications Requirements. The communications requirements for the conduct of deception operations related to the employment of nuclear weapons.	
Damage-Enemy-Tqts					
data structure	TBD	None	None	Damage to Enemy Targets. Degradation in enemy combat power in terms of equipment and personnel losses that resulted from a friendly force nuclear attack.	
Damage-Est-Pdres					
data structure	TBD	None	None	Damage Estimation Procedures. Procedures used to estimate the damage which would be caused by a nuclear weapon given the target, the weapon yield, and height of burst.	
Date-Time-Group					
basic data	TBD	None	None	Date-Time Group. A common expression of military time. Used in publishing plans and orders, and in sending/	

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Dec-to-Init-Chng-Thru-Planning alias: main name--Dec-to-Init-Chng-Thru-Replan				receiving communications traffic.	
Dec-to-Init-Chng-Thru-Replan data structure	TBD	Dec-to-Init-Chng-Thru-Planning	None	Decision to Initiate Change Through Replanning. A decision to return to a point in the planning cycle to conduct supplementary planning due to the assessed results of a nuclear weapons employment task.	
Decision-Cycle-Time data structure	TBD	None	None	Decision Cycle Time. The time required by a headquarters to issue a directive measured from the time of mission receipt or deduction.	
Decoded-Info data store	TBD	None	None	Decoded Information.	
Decrypted-Info data structure	TBD	None	None	Decrypted Information.	
Deg-Acc-Risk-C'sid-Dur-Plan'g data structure	TBD	None	None	Degree of Acceptable Risk to be Considered During Planning. A description for the staff by the commander of the degree of risk in terms of potential enemy reaction that the commander is willing to accept in the employment of nuclear weapons.	
Del-Sys-Avail-for-Tasking data structure		Del-Sys-Status Cur-Proj-Del-Sys-Locs	None	Delivery Systems Available for Tasking. Specific nuclear	

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
<i>delivery systems which are available to deliver nuclear weapons within an approved package or subpackage.</i>					
Del-Sys-Dnated-to-Alk-Nuc-Tgt	data structure	Match-Avail-Del-Sys-Tgt Id'd-Rqmt-Addl-Del-Spt	None	Delivery Systems Designated to Attack Nuclear Target(s). The assignment of specific nuclear attack requirements to specific available nuclear delivery systems.	
Del-Sys-Status	data structure	TBD	None	Nore	Delivery System Status. The personnel, equipment, and supply status of a nuclear delivery system.
<i>alias; main name--Nuc-Del-Unit-Activities</i>					
Del-Unit-Act					Nuclear Delivery Unit Activities.
Del-Unit-Equip-Status	data structure	TBD	None	Nore	Nuclear Delivery Unit Equipment Status.
Del-Unit-Locs	alias; main name--Nuc-Del-Unit-Locs				Nuclear Delivery Unit Locations.
<i>alias; main name--Nuc-Del-Unit-locs</i>					
Del-Unit-Pers-Status	data structure	TBD	None	Nore	Nuclear Delivery Unit Personnel Status. Number of personnel available and qualified to perform nuclear delivery tasks within a specified unit.

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Del-Unit-PNL-Status					
alias: main name--Nuc-Del-Unit-PNL-Status					Nuclear Delivery Unit PNL Status. The status of the established prescribed nuclear load (PNL) of assigned/attached delivery units.
Des-Air-Nuc-Del-Sys-ActCaps					
data structure	TBD	None	None	Description of Air Nuclear Delivery System Activities and System Capabilities. A description of the types of nuclear delivery aircraft, their payload, capabilities, their locations, current and planned mission.	
Des-CI-Asp's-Empl-NW					
data structure		Des-En-Caps-Fri-Nuc-OPSEC Des-Fri-Nuc-OPSEC-Msts			
Des-CI-Aspects-of-NWpns			None	Description of the Counterintelligence Aspects of the Employment of Nuclear Weapons. Description of the efforts to protect friendly nuclear employment operations by countering enemy efforts to locate friendly nuclear capable units, their assets, and their activities.	
Des-CI-Aspects-of-NWpns					
alias: main name--Des-CI-Asp's-Empl-NW				Description of the Counterintelligence (CI) Aspects of the Employment of Nuclear Weapons.	
Des-Civ-Mil-Aspects-Empl-NWpns					
data structure		Desc-Imp-Civ-Pop-Empl-NWpns Descr-Eff-NWpns-Empl-Ref-Ctr			
Des-Curr-Nuc-Pack-Subpack-Stat			None	Description of the Civil-Military Aspects of the Employment of Nuclear Weapons. A description of the civilian activities and their impact on the potential employment of nuclear weapons.	
data structure		Des-HHQ-Guid-Ex-Pln-Nuc-PkgSub	None	Description of the Current Nuclear Package/Subpackage	

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Des-Curr-Proj-PNS	data structure	TBD	None	Description of Current and Projected PNS. The current and projected number of nuclear weapons being stored by the supporting ordnance unit.	
Des-Dam-Obj-NW-TClin	data structure	TBD	None	Description of the Damage Objectives of Nuclear Weapons in Each Tactical Contingency. A description of the damage expected of nuclear weapons in each tactical contingency for which nuclear weapons are planned.	
Des-Del-Unit-Curr-Proj-PNLs	data structure	TBD	None	Description of Delivery Unit Current and Projected Prescribed Nuclear Loads (PNLs). The number of nuclear weapons by yield being carried, or to be carried, by a nuclear delivery unit.	
Des-Eff's-Weath-Terr-Empl-NW	data structure	Des-Eff-Terr-Weath-Tgt-Devel Des-Eff-Terr-Weath-Wpn-Empl Des-Eff-of-Terr-Wea-Empl-NWpns		Description of the Effects of Weather and Terrain on the Employment of Nuclear Weapons. A description of the effects weather and terrain are expected to have on the employment of nuclear weapons. Weather and terrain may affect weapon employment, and will affect blast and radiation (initial and residual).	
Des-Eff-En-Nuc-Em-Fri-For-Cas	data structure	TBD	None	Description of the Effects of Enemy Nuclear Employment on	

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Des-Eff-NW-Em-Fri-Morale	data structure	TBD	None	Description of the Effects of Nuclear Weapons on Friendly Morale. Nuclear effects, either from enemy or friendly employment, may have very detrimental effects on friendly morale, which may ultimately affect a unit's combat effectiveness.	Friendly Force Casualties. A description of the anticipated effects on friendly forces due to enemy nuclear employment.
Des-Eff-of-Terr-Wea-Empl-NWpns	alias: main name-Des-Effs-Weath-Terr-Empl-NW				Description of the Effects of Weather and Terrain on the Employment of Nuclear Weapons. A description of the effects terrain in the area of operations and anticipated weather will have on nuclear weapons employed against enemy targets.
Des-Eff-Terr-Weath-Tgt-Devel	data structure	TBD	None		Description of the Effects of Terrain and Weather on Target Development. A description of the effects anticipated weather and terrain in the area of operations will have on target development system efficiency.
Des-Eff-Terr-Weath-Wpn-Empl	data structure	TBD	None		Description of the Effects on Terrain and Weather on Weapons Employment. See the remarks at Des-Effs-Weather-Terr-Empl-NW entries.
Des-En-Caps-Fri-Nuc-OPSEC	data structure	TBD	None		Description of the Impact of Enemy Capabilities on Friendly Nuclear Operations Security (OPSEC). Those things (to include use of sensors, patrolling, and communications interception) that the enemy may do to discover friendly force nuclear employment status and capabilities, and a description of the manner in which this affects friendly force OPSEC measures.

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Des-Enemy-Nuc-Caps					
data structure					
TBD	None				Description of Enemy Nuclear Capabilities. Description of the means possessed by the enemy to deliver nuclear weapons and the type of weapons which can be delivered by those means. Means include air, rocket, missile, and cannon delivery systems.
Des-Enemy-Nuc-Status					
data structure					
		Des-Enemy-Nuc-Caps			
			Description-Enemy-Nuc-Status		
			None		Description of Enemy Nuclear Status. Information describing enemy nuclear weapons by type and number, numbers and types of units, and equipment, personnel, and supply status in nuclear capable enemy units.
Des-Fri-Cap-Dev-En-Nuc-Tgts					
data structure					
TBD	None				Description of Friendly Capability to Develop Enemy Nuclear Targets. A description of the means available for detecting and processing information regarding potential nuclear targets.
Des-Fri-Force-Activities					
data structure					
TBD	None				Description of Friendly Force Activities. A description of what the friendly force is doing. Activities may include attacking, defending, resupplying, resting.
Des-Fri-Force-Loc					
basic data					
TBD	None				Description of Friendly Force Location. Grid locations of friendly forces. Applicable to both nuclear and nonnuclear units.
Des-Fri-Force-Sit					
data structure					
		Des-Fri-Force-Loc			
			Des-Fri-Force-Activities		
			Des-Stat-Curr-Msn-Accomp		
			None		Description of the Friendly Force Situation.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Des-Fri-Nuc-OPSEC-Msrs					
data structure	TBD	None		Description of Friendly Nuclear Operations Security (OPSEC) Measures. Those measures being taken by friendly forces to conceal from the enemy any plans to employ nuclear weapons. Signal and physical security measures are included.	
Des-FS-Aspects-Empl-Nuc-Wpns					
data structure					
Des-Nuc-Dei-Sys-Sit-Status					
Des-PNL-Status					
Des-Curr-Nuc-Pack-Subpack-Stat					
Des-Implic-Nuc-Conv-Fires-Int		None		Description of the Fire Support Aspects of the Employment of Nuclear Weapons. A description of the factors affecting nuclear weapons employment from a fire support perspective.	
Des-HHQ-Guid-Ex-PIn-Nuc-PkgSub					
data structure	TBD	None		Description of the Effect of Higher Headquarters Guidance on the Execution of Planned Nuclear Packages/Subpackages. A description of the effect of this guidance on the planned execution. This guidance may be based on the political or tactical situations or both.	
Des-Higher-HQ-Nuc-Empl-Guid					
data structure					
Des-Nuc-Emp-Guid-HHQ-DirSOP					
Des-Stat-Curr-Nuc-Emp-ReqAuths					
Deser-High-HQ-Nuc-Empl-Guid					
Cdr's-Init-Planning-Guid					
Cdr's-Suppl-Planning-Guid					
Des-HQ-Guid-Ex-PIn-Nuc-PkgSub				Description of Higher Headquarters Nuclear Employment Guidance. Higher headquarters guidance may include priority targets, acceptable troop safety considerations, employment authorization, and/or tactical/political considerations for employment.	
Des-Imo-Nuc-Emp-CvI-Fires					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
data structure					
data structure	TBD	None	None	Description of the Impact of Nuclear Employment on Conventional Fires. Description of how nuclear fires will affect the current capability of the force to deliver conventional fires.	
Des-Imp-Nuc-Emp-Mvr					
data structure	TBD	None	None	Description of the Impact of Nuclear Employment on Maneuver. A description of the anticipated effect nuclear employment will have on maneuver force operations. These effects must be analyzed to prevent detrimental effects on friendly forces by the employment of friendly nuclear weapons.	
Des-Implic-Nuc-Conv-Fires-Int					
alias: main name - Dscr-of-Impli-Nuc-Conv-Fires				Description of the Implications of Nuclear and Conventional Fires Integration. Coordination must be made for the use of target acquisition assets, positioning of the delivery means, and the effects on the total scheme of maneuver. Integration of nuclear and conventional fires must minimize assets usage while maximizing OPLANOPORD results.	
Des-Intel-Aspects-Empl-NWpns					
data structure		Des-Enmy-Nuc-Status Des-Eff's-Weath-Terr-Empl-NW Des-Ci-Asp's-Empl-NW Potential-Enemy-Tqis			
		None		Description of Intel Aspects of the Employment of Nuclear Weapons. IA description of the factors affect nuclear weapons employment from an intelligence perspective.	
Des-Lgl-Pol-Aspects-Empl-NWpns					
data structure		Descr-Lgl-R'strnt-Empl-of-NWpns Descr-Pol R'strnt-Empl-of-NWpns			
		None		Description of the Legal and Political Aspects of the Employment of Nuclear Weapons. A description of the factors affecting the employment of nuclear weapons from a legal and political perspective.	

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Des-Log-Aspects-Empl-Nuc-Wpns	data structure	Descr-Nuc-Del-Sys-: og-Stat Descr-NWpns-Trans-Supply-Stat	None	None	Description of the Logistics Aspects of the Employment of Nuclear Weapons. A description of the factors affecting the employment of nuclear weapons from a logistics perspective.
Des-Min-CapProj-Spi-NucDel-Sys	data structure	TBD	None	None	Description of the Maintenance Capabilities and Projections for Supporting Nuclear Delivery Systems. A description of the current and projected status of replacement items and maintenance effort for nuclear delivery systems and weapons.
Des-NASP-WHA-Caps	data structure	TBD	None	-	Description of Nuclear Ammunition Supply Point (NASP) and Warhead Holding Area (WHA) Capabilities. A description of the storage and handling capacities of each NASP and WHA to provide the necessary support for nuclear delivery units.
Des-Nuc-Del-Sys-Sit-Status	data structure	Des-Sur-Nuc-Del-Sys-ActCaps Des-Sur-Nuc-Del-Sys-Locs Des-Air-Nuc-Del-Sys-ActCaps	None	None	Description of the Nuclear Delivery System Situation and Status.
Des-Nuc-Emp-Guid-HHQ-DiSOP	data structure	TBD	None	None	Description of Nuclear Employment Guidance Contained in Higher Headquarters Directives/SOPs. Included are troop safety and civilian preclusion criteria, coordination among units, employment request and authorization procedures, and post-strike requirements, etc.

NAME	DATA TYPE	COMPONENTS AND IASES	RELATED DATA	REMARKS
Des-Nuc-Emp-Rqs	data structure	TBD	None	Description of Nuclear Employment Request/Authorization Decision Points. Those points at which the tactical commander must decide on the need to request or grant authority for employment of nuclear weapons.
Des.-Rel-Cbt-Pwr-Fri-En-For	alias: main name--Des-Nuc-Spec-Rel-Cbt-Pwr-Fr-En	TBD	None	Description of the Nuclear Specific Relative Combat Power Between the Friendly and Enemy Forces.
Des-Nuc-Spec-Rel-Cap-Btw-Fr-En	data structure	TBD	None	Description of the Nuclear-Specific Relative Capabilities Between the Friendly and Enemy Forces. A description of the relative nuclear capabilities of the enemy and the friendly forces.
Des-Nuc-Spec-Rel-Cbt-Pwr-Fr-En	data structure	TBD	None	Description of the Nuclear Specific Relative Combat Power Between the Friendly and Enemy Forces.
Des-NW-Contrib-Msn-Acc-TClin	data structure	TBD	None	Description of the Nuclear Weapons Contribution to Mission Accomplishment in Each Tactical Contingency. Advantages achieved by employing a nuclear weapon to support a tactical contingency. Some possible contributions include: shock, seize, or deny key terrain; destroy supply and communications facilities.
Des-Opn-Read-Sptg-Nuc-Del-Sys	data structure	TBD	None	Description of Operational Readiness of Supporting Nuclear Delivery Systems. Included in this is the level of training of

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Des-Ops-Aspects-Empl-Nuc-Wpns	data structure	Des-Higher-Hq-Nuc-Empl-Guid Des-Fri-Force-Sit Des-Nuc-Spec-Rel-Cbt-Pwr-Fr-En		None	Description of the Operational Aspects of the Employment of Nuclear Weapons. A description of the factors affecting nuclear weapons employment from an operational perspective.
Des-Pers-Aspects-Empl-Nuc-Wpns	data structure	Descri-of-Eff-Nuc-Empl-Fri-Pers Descri-Fri-for-Cur-Rad-Exp-Stat	None	None	Description of the Personnel Aspects of the Employment of Nuclear Weapons. A description of the factors affecting nuclear weapons employment from a personnel perspective.
Des-PNL-Status	data structure	Desr-of-Prescr-Nuc-Load-Stat Des-Del-Unit-Curr-Proj-PNLs Des-Curr-Proj-PNS Des-NASP-WHA-Caps			Description of the Prescribed Nuclear Load Status. A description of the nuclear weapons the unit has on-hand by yield and type and where they are located.
Des-Rel-Civ-Cap-Btw-FrEn-Im-NW	data structure	TBD	None	None	Description of the Relative Conventional Capabilities Between Friendly and Enemy Forces as They Impact the Potential Use of Nuclear Weapons. A description of how relative conventional capabilities of friendly and enemy forces impact the necessity or likelihood of their respective use of nuclear weapons.
Des-Stat-Curr-Msn-Accomp					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
data structure					
data structure	TBD	None	None	Description of the Status of Current Mission Accomplishment. What the unit has accomplished in the pursuit of satisfying the requirements of the assigned mission.	
Des-Stat-Curr-Nuc-Emp-ReqAuths					
data structure	TBD	None	None	Description of Status of Current Nuclear Employment Requests and/or Authorizations. Where in the request/authorization chain a particular request for employment or grant of authorization is.	
Des-Sur-Nuc-Del-Sys-ActCaps					
data structure	TBD	None	None	Description of Surface Nuclear Delivery System Activities and Capabilities. The current activities and range, accuracy and payload capabilities of surface nuclear delivery systems.	
Des-Sur-Nuc-Del-Sys-Locs					
>D	data structure	TBD	None	Description of Surface Nuclear Delivery System Location. The grid coordinate location of nuclear capable delivery systems.	
Des-Tac-C'stan-NEmp-Rqst-Auth					
>D	data structure	TBD	None	Description of the Tactical Circumstances for Nuclear Employment Requests/Authorization. The tactical necessities as determined by the commander that would dictate the need to request a nuclear weapon employment authorization.	
Descript-Des-Res-NWpn-Empl-TClin					
>D	data structure			Des-Dam-Obi-NW-TClin Des-NW-Contrib-Msn-Acc-TClin	Description of the Desired Results of Nuclear Weapons Employment in Each Tactical Contingency. The results the commander expects to receive from using a nuclear weapon in a given situation.
Descrip-Tac-Clin-NWpns-Csid-Use					
>D	data structure				

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	TBD	None	None	Description of Tactical Contingencies for Which Nuclear Weapons Must Be Considered for Use. A description by the tactical commander of those situations in which the staff must consider planning for the use of nuclear weapons.	
Descr-CD-Msrs-Ui-Plan-Civ-Pop->D	TBD	None	None	Description of the Civil Defense Measures Undertaken or Planned for the Civilian Populace. Precautions taken to protect the civilian population from the effects of nuclear detonations. These might include early warnings, fallout shelters, protected food, water and medical supplies.	
Descr-Civ-Pop-Centers	TBD	None	None	Description of Civilian Population Centers. A map location by grid coordinates of those civilian population centers and their respective sizes.	
Descr-Civ-Pop-Mvmts	TBD	None	None	Description of Civilian Population Movements. A description of current and anticipated movements by civilians in the area of operations which have potential impact on the employment of nuclear weapons.	
Descr-Cur-Fr-For-RES alias: main name--Descr-Fri-For-Cur-Rad-Exp-Stat	TBD	None	None	Description of Current Friendly Force Radiation Exposure Status (RES). The amount of radiation exposure from either friendly or enemy nuclear detonation. It is expressed in of five states--RES-0 to RES-4. It is calculated as a total cumulative dose.	
Descr-Curr-Guid-Rad-Exp_Levels	TBD	None	None	Description of Current Guidance on Radiation Exposure Levels. Commanders will specify in their guidance what radiation exposure level they are willing to accept for their soldiers. They will state an acceptable RES level.	

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Descr-Dam-Obj-NWpns					
	Alias				Description of the Damage Objectives for Nuclear Weapons.
Descr-Eff-Civ-Pop-Mvmts-NW-Emp					
>D	data structure	TBD	None	None	Description of the Effects of Civilian Population Movements on Nuclear Weapons Employment. The expected impact of known civilian population movements on the use of nuclear weapons in the area of operations.
Descr-Eff-NW-Civ-Pop-Mvmts					
>D	data structure	TBD	None	None	Description of the Effects of Nuclear Weapons on Civilian Population Movements. A description of what effects are expected on transient civilian groups or organized civilian movements by the use of nuclear weapons in the area of operations.
Descr-Eff-NWpns-Empl-Ref-Ctr					
	data structure				
		Descr-Civ-Pop-Mvmts			
		Descr-Eff-NW-Civ-Pop-Mvmts			
		Descr-Eff-Civ-Pop-Mvmts-NW-Emp			Description of the Effects of Nuclear Weapons Employment on Refugee Control. A description of the effects which nuclear weapons are likely to have on current refugee control efforts.
Descr-Fri-For-Cur-Rad-Exp-Stat					
	data structure				
		Descr-Cur-Fr-For-Res			
		Descr-Curr-Guid-Rad-Exp-Levels			
					Description of Friendly Force Current Radiation Exposure Status (FES). Based on previous exposure to radiation, friendly & threat friendly units are classed in one of four FES: RES 0 to RES 3. Safety calculations may have to consider RES.
Descr-Fri-For-Sit					

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
	TBD	None	None	Description of the Friendly Force Situation.	
Descr-High-HQ-Nuc-Empl-Guid					
alias: main name-Des-Higher-HQ-Nuc-Empl-Guid					
				Description of Higher Headquarters Nuclear Employment Guidance.	
Descr-Imp-Civ-Pop-Empl-NWpns					
data structure					
		Descr-Civ-Pop-Centers			
		Descr-CD-Msrs-Ut-Plan-Civ-Pop			
		None	Civ-Pop-Locs		
			Civ-Pop-Mvmts		
			Civ-Industrial-Resource-Locs		
			Civ-Cult-Resource-Locs		
			Civ-Trans-Resource-Status		
				Description of the Impact on the Civilian Populace of the Employment of Nuclear Weapons. Destruction or contamination of civilian population and industrial centers may occur resulting in immediate or long term casualties. Displacement from areas of planned attack may occur which will crowd evacuation routes and create large numbers of refugees needing aid.	
Descr-Lgl-R'strnt-Empl-of-NWpns					
data structure					
	TBD	None	None	Description of the Legal Restraints on the Employment of Nuclear Weapons.	
Descr-Nuc-Asps-D'cpt-Conc					
data structure					
	TBD	None	None	Description of the Nuclear Aspects of the Deception Concept. A description of the role of nuclear weapons in the concept for deception operations which is included in the deception annex to the OPLAN/OPORD.	
Descr-Nuc-Del-Sys-Log-Sitrl					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
data structure		Des-Opnl-Read-Sptg-Nuc-Del-Sys Des-Mtr-CapProj-Spt-NucDel-Sy ₃			
		None		Description of Nuclear Delivery System Logistic Status.	
				A description of the status of nuclear delivery systems and replacement items of supporting and subordinate units.	
Descr-NW-Acct-Regmis					
data structure	TBD		None	Description of Nuclear Weapons Accountability Requirements.	
				A description of the regulatory requirements established for the accountability of nuclear weapons.	
Descr-NW-Spt-Dcpt-Obj					
data structure	TBD		None	Description of the Nuclear Weapons-Supported Deception Objective.	
				A description of the objective of deception plans in which nuclear weapons employment planning is to provide deception support.	
Descr-NW-Trans-Caps					
data structure	TBD		None	Class-V-Trans-Constr's	
				Description of Nuclear Weapons Transportation Capabilities.	
				A description of the resources available for the movement of nuclear weapons within the area of operations.	
Descr-NWpns-Trans-Supply-Stat					
data structure				Descr-NW-Trans-Caps	
				Descr-NW-Acct-Regmis	
			None	Description of Nuclear Weapons Transportation and Accountability Status.	
				A description of the status and capability of organic and supporting transportation and ammunition supply systems to receive, store, and deliver nuclear weapons.	
Descr-of-Curr-Nuc-Pack					
data structure	TBD		None	Description of Current Nuclear Package/Subpackage.	Purpose of
					A description of the purpose and composition of force nuclear

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Descr-of-Eff-Nuc-Empl-Cr-Pers	data structure	Des-Eff-En-Nuc-Em-Fir-for-Cas			weapons packages/subpackages, higher headquarters packages, and/or subordinate unit subpackages.
		Des-Eff-NW-Em-Fir-Morale	None		Description of the Effects of Nuclear Employment on Friendly Personnel. Whether a friendly or enemy nuclear detonation, it can cause stress, confusion, and isolation. The shock of a nuclear weapon being detonated on the battlefield will slow unit response and individual reaction time.
Descr-of-Impl-Nuc-Conv-Fires	data structure	Des-Imp-Nuc-Emp-Cvl-Fires			
		Des-Imp-Nuc-Emp-Mvr			
		Des-Imp-Nuc-Conv-Fires-Int	None		Description of the Implications of Nuclear and Conventional Fires Integration. Coordination must be made for the use of target acquisition assets, positioning of delivery means, and the effects on the total scheme of maneuver must be assessed. Integration of nuclear and conventional fires must minimize assets usage while maximizing OPLAN/OPORD results.
Descr-of-Nuc-Del-Sys-Sit-Stat	alias; main name--Des-Nuc-Del-Sys-Sit-Status				Description of the Nuclear Delivery System Situation and Status.
Descr-of-Prescr-Nuc-Load-Stat	alias; main name--Des-PNL-Status				Description of the Prescribed Nuclear Load (PNL) Status.
Descr-Pol-Restr-Empl-of-NWpn	data structure	TBD	None		Description of the Political Restraints on the Employment of Nuclear Weapons. Restrictions placed by countries on the use of nuclear weapons. These political restraints are considered during the planning process.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Descr-Pot-Enemy-Nuc-COAs					
data structure	TBD	Descr-Pot-Enemy-Nuc-COAs	None	Description of Potential Enemy Nuclear Courses of Action (COA).	
				The plan the enemy may pursue to accomplish a task or mission.	
				The potential COA would be ascertained by the collection of data by intelligence sources, enemy characteristics, and analysis of enemy options.	
Descr-Ppose-NW-CF-Ops					
data structure	TBD		None	Description of the Purpose of Nuclear Weapons in Covering Force (CF) Operations.	
Descr-Ppose-NW-Close-Ops					
data structure	TBD		None	Description of the Purpose of Nuclear Weapons in Close Operations.	
Descr-Ppose-NW-Deep-Ops					
data structure	TBD		None	Description of the Purpose of Nuclear Weapons in Deep Operations.	
Descr-Role-NW-Dcpt-Ops					
data structure	TBD		None	Description of the Role of Nuclear Weapons in Deception Operations. A description of how simulated nuclear employment related activity is to play in overall deception operations.	
Descr-Role-NW-Ea-COA					
data structure	TBD		None	Description of the Role of Nuclear Weapons in Each Course of Action.	
Descr-Spec-Mrs-Prot-Nuc-Res					
data structure	TBD		None	Description of Specific Measures to Protect Nuclear Resources.	
				Measures to be taken, which are beyond normal nuclear weapons	

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Descr-SpecMsrs-Hide-NucEmp-Int data structure	TBD	None	Description of Special Measures to Hide Nuclear Employment Intentions. Increased awareness of OPSEC measures such as radio security, information security, camouflage and physical security which exceed measures called for in unit SOPs.	security standing operating procedures (SOP).	
Descrip-Enemy-Nuc-Status alias: main name--Des-Enemy-Nuc-Status			Description of Enemy Nuclear Status.		
Descrip-Pot-Enemy-Nuc-COAs alias: main name--Descr-Pot-Enemy-Nuc-COAs			Description of Potential Enemy Nuclear Courses of Action.		
Descrip-Fcoming-Nuc-Empl-Ops data structure		Outline-Nature-Nuc-Ops Outline-Locs-Nuc-Ops Outline-Timing-Nuc-Ops	None	Description of Forthcoming Nuclear Employment Operations. Plans or operations that the commander and his staff are planning that call for the use of nuclear weapons.	

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Descript-of-P'pose-NWpns-Cbt-Op					
data structure					
		Descr-P'pose-NW-CF-Ops			
		Descr-P'pose-NW-Deep-Ops			
		Descr-P'pose-NW-Close-Ops			
		None	None		Description of the Purpose of Nuclear Weapons in Combat Operations. The purpose of nuclear weapons in combat operations is part of the commander's concept.
Desired-Mod-to-Target-Behavior					
data structure					
	TBD	None	None		Desired Modification to Target Behavior. The change in activity of a given target which is desired from a nuclear attack of the target.
Dir-Crit-Nuc-Tqis					
data structure					
	TBD	None	None		Defeat Criteria for Nuclear Targets. Criteria established by the commander for defeat of a target to be attacked by a nuclear weapon. Usually expressed in % of damage to a target.
Dir-Dev-Alt-NWpns-Spt-COA					
data structure					
	TBD	Dir-Dev-Alt-NWpns-Spt-COA	None		Direction to Develop an Alternative Nuclear Weapons-Supported Course of Action. A commander's direction to his staff to develop one or more alternative nuclear weapons-supported Courses of Action.
Dir-Dev-Alt-NWpns-Spt-COA					
alias: main name--Dir-Dev-Alt-NWpns-Spt-COA					
					Direction to Develop an Alternative Nuclear Weapons-Supported Course of Action.
Dir-Encoded-for-Trans					
data structure					
	TBD	None	None		Directives Encoded for Transmission. Those directives that have been encoded and are now ready to be transmitted over a communications means.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Dir-F'matted-for-T'msn	data structure	Dir-Encoded-for-Trans Enc-Dir-Sec-Ci-Affixed Enc-Dir-Sec-Ci-Aff-Prec-Asgnd Enc-Dir-SCI-DTG-Aff-Prec-Asgnd			Directives Formatted for Transmission. Directives which have been placed in a format which facilitates their transmission over a communications means.
Dir-Red'trn-Nuc-Emp-C'cpt	data structure	Dir-Dev-Alt-NWpns-Spt-COA			Directive to Redetermine the Nuclear Employment Concept. A commander's direction to his staff to redevelop an unacceptable nuclear employment concept recommendation.
Dir-Routed-for-Trans	alias: main name--Dir-Rtd-for-T'msn				Directives Routed for Transmission.
Dir-Rtd-for-T'msn	data structure	TBD	Dir-Routed-for-Trans	None	Directives Routed for Transmission. Directives that have been addressed for transmission to a particular recipient.
Directives	data structure	NWpns-Empl-IP-Commo-Elec-Anx Orders-Plans			Directives. Verbal or written orders, plans, and letters of instruction.
Disadv-Assoc-Emp-NW-Ea-COA	data structure	TBD	None		Disadvantages Associated with the Employment of: Nuclear Weapons in Each Course of Action (COA). Factors that are considered drawbacks to use of a nuclear weapon to support

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Div-Cdr-Apvd-NWpns-Subpack					an operation, such as obstacles, contamination or effects on troops
Div-Cdr-Apvd-NWpns-Subpack	data structure	TBD	None	None	Division Commander Approved Nuclear Weapons Subpackage. A nuclear weapons subpackage developed in support of division operations and approved by the division commander.
Doc-Asgmt-Comms-Prior					
Doc-Asgmt-Comms-Prior	data structure	TBD	None	None	Doctrine on Assignment of Communications Priorities. Procedures describing how to establish priorities for the use of communications within a given situation.
Doc-Commo-Mgmt-Planning					
Doc-Commo-Mgmt-Planning	data structure		Doc-Est-EA-Nets		Doctrine on Communications Management Planning. Procedures on managing various communications systems used by the armed forces.
Doc-Empl-ReqAuth-P'dures			Doc-Asgmt-Comms-Prior		
Doc-Empl-ReqAuth-P'dures		Undefined Entry			
Doc-Est-EA-Nets					
Doc-Est-EA-Nets	data structure	TBC	None	None	Doctrine on Establishment of Emergency Action Nets. Official publications that prescribe the procedures to be used to establish Emergency Action Nets. One of the basic documents is JCS Publication 13.
Doc-Integr-Nuc-Conv-Fires					
Doc-Integr-Nuc-Conv-Fires	data structure	TBD	None	None	Doctrine on Integration of Nuclear and Conventional Fires. Procedures identified in doctrinal publications that described the methods for integration of nuclear and conventional fire support.

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Doc-Nuc-FC-Msrs					
	data structure	TBD	None		Doctrine on Nuclear Fire Control Measures. Tactics, techniques, and procedures for the establishment of measures to control nuclear fires.
Doc-Prot-NWpns-Indicators					
	data structure	TBD	None		Doctrine on Protection of Nuclear Weapons Indicators. Tactics, techniques, and procedures which guide efforts to disguise the indicators of potential nuclear weapons employment.
Doc-Sec-Nuc-Rel-Mat'l-Info					
	data structure		EMAS-NRAS-Phys-Sec-Reqmts Phys-Sec-Rqts-TransfSor-SAS-Mtl SAS-Authent-Reqmts Emsns-Sec-Rqts-Trans-SAS-Info		Doctrine on Security of Nuclear-Related Materials and Information. Procedures defined in publications that prescribe security requirements for nuclear weapons or material related to their employment.
Doc-Suitable-Nuc-Tgts					
	data structure	TBD	None		Doctrine on Suitable Nuclear Targets. Information extracted from publications that describe appropriate targets for nuclear weapons.
Doctrine					
	data structure		Authorization-Documents Comms-Doc Nuc-Wpns-Empl-Doc Intelligence-Doctrine Fire-Spt-Doc		Doctrine. Principles, tactics, techniques, and procedures relating to the conduct of US military operations.
Dscr-Nuc-Empl-Req-Auth-Dec-Pis					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
data structure					
	TBD	None		Description of the Nuclear Employment Request and Authorization Decision Points. The points at which a commander or staff must make a decision when, where, and how to request authorization and to employ a nuclear weapon in order to facilitate an ongoing mission	
Dirm-Acc-Risk-Der-Dir-Dir					
	TBD	None		Determination of Acceptable Risk Derived from Directives. The degree of acceptable risk in the employment of nuclear weapons which is stated or implied in the directives.	
Dirm-Acc-Risk-Der-HCdr-Int					
	TBD	None		Determination of the Acceptable Risk Derived from Higher Commander's Intent. The degree of acceptable risk in the employment of nuclear weapons which is implied by the commander's intent.	
Dirm-Risk-HCdr-Acpt-Empl-NWpns					
	data structure			Dirm-Acc-Risk-Der-Dir Dirm-Acc-Risk-Der-HCdr-Int	
		None			Determination of the Risk the Higher Commander is Willing to Accept in the Employment of Nuclear Weapons. Combination of the two preceding entries.
Elt-Wind-Tgt-Alk-Seq					
	data structure			TBD	
		None			Effects of Wind on Target Attack Sequence. A determination of the effects of wind in the drift direction and speed of nuclear clouds as it impacts the potential preinitiation of subsequent weapons.
Effects-Terr-on-Comms					
	data structure			TBD	
		None			Effects of Terrain on Communications. Many communications systems employed by the armed services are line-of-sight.
Effects-Weather-on-Comms					
	data structure				

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
EMAS-NRAS Auth-Regtis	data structure	TBD	None	Emergency Message Authentication System (EMAS)/Nuclear Release Authentication System (NRAS) Authorization Requirements. Requirements of these systems are outlined in JCS Publication 13 as supplemented by command level implementing regulations.	
EMAS-NRAS Phys-Sec-Regtis	data structure	TBD	None	Emergency Message Authentication System (EMAS)/Nuclear Release Authentication System (NRAS) Physical Security Requirements. These requirements are set forth in JCS publications, DOD manuals and command level implementing instructions.	
Emerg-Action-Procedures	data structure	TBD	None	Emergency Action Procedures (EAP). The procedures for transmitting, receiving, and authentication of nuclear control orders.	
Emsn-Sec-NWpns-Rel-Commo	data structure	Plan-Empl-COMSEC-Mails	Emsn-Sec-Pro-NWpns-Rel-Ccmmo	Emission Security Procedures for Nuclear Weapons-Related Communications. These procedures involve managing the use of the electromagnetic spectrum by our forces to control electronic emissions from our commo systems in order to increase survivability of nuclear weapons.	
Emsn-Sec-Pro-NWpns-Rel-Commo			None		

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Emsn-Sec-Rqts-Trans-SAS-Info					Weapons-Related Communications.
	data structure	TBD	None	None	Emission Security Requirements for Transmission of Sealed Authentication System-Related Information. Procedures necessary to protect from interception by the enemy transmission of secure data relating to the release and employment of nuclear weapons.
Enc-Dir-SCI-DTG-Aff-Prec-Asgnd					
	data structure	TBD	None	None	Encoded Directives with Security Classification and Date-Time-Group Affixed and Precedence Assigned. Directives prepared, addressed, classified, and dated for transmission.
Enc-Dir-Sec-Cl-Aff-Prec-Asgnd					
	data structure	TBD	None	None	Encoded Directives with Security Classification Affixed and Precedence Assigned.
Enc-Dir-Sec-Cl-Affixed					
	data structure	TBD	None	None	Encoded Directives with Security Classification Affixed.
Enc-Req-SCI-DTG-Aff-Prec-Asgnd					
	data structure	TBD	None	None	Encoded Requests with Security Classification and Date-Time-Group Affixed and Precedence Assigned.
Enc-Req-Sec-Cl-Aff-Prec-Asgnd					
	data structure	TBD	None	None	Encoded Requests with Security Classification Affixed and Precedence Assigned.
Enc-Rpt-SCI-DTG-Aff-Prec-Asgnd					
	data structure	TBD	None	None	Encoded Reports with Security Classification and Date-Time-Group Affixed and Precedence Assigned.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Enc-Rpts-Sec-CI-Aff-Prec-Asrnd					
data structure					
	TBD	None		Encoded Reports with Security Classification Affixed	
				and Precedence Assigned.	
Enc-Rpts-Sec-CI-Affixed					
data structure					
	TBD	None		Encoded Reports with Security Classification Affixed.	
Encoded-Reqts-Sec-Class-Affixed					
data structure					
	TBD	None		Encoded Requests with Security Classification Affixed.	
Enemy					
data structure					
	TBD	None		Enemy. The opposing force.	
Enemy-Damage-Diff					
data structure					
	TBD	None		Enemy Damage Differential. The reduction in enemy combat power caused by a nuclear detonation as compared to the desired reduction in enemy combat power.	
Enemy-Intel-Collection-Cap					
data structure					
	Enemy-SIGINT-Cap's				
	Enemy-Recon-Cap's				
	Enmy-Inte.		!lection-Cap		
		None		Enemy Intelligence Collection Capabilities. The enemy's ability and means to gather intelligence information about friendly force nuclear capabilities or intentions.	
Enemy-Recon-Cap's					
data structure					
	TBD		Enemy-Recon-Caps		
			None	Enemy Reconnaissance Capabilities. The enemy's ability and means to conduct reconnaissance missions against friendly force nuclear activities.	

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Enemy-Recon-Caps					
	alias; main name--Enemy-Recon-Cap's				Enemy Reconnaissance Capabilities.
Enemy-Sab-Subv-Indica					
	alias; main name--Enemy-Sab-Subv-Indics				Enemy Sabotage and Subversion Indicators.
Enemy-Sab-Subver-Indica					
	alias; main name--Enemy-Sab-Subv-Indics				Enemy Sabotage and Subversion Indicators.
Enemy-SIGINT-Cap's					
	data structure	TBD	Enemy-SIGINT-Caps	None	Enemy Signal Intelligence (SIGINT) Capabilities. The ability of the enemy to collect and evaluate information derived from communications and electronic means concerning friendly force nuclear activities.
Enemy-SIGINT-Caps					
	alias; main.name--Enemy-SIGINT-Cap's				Enemy Signal Intelligence (SIGINT) Capabilities.
Enemy-Caps					
	data structure	TBD	None	None	Enemy Capabilities. The combat capabilities of the enemy force for conducting offensive and defensive operations.
Enemy-Intel-Collection-Cap					
	alias; main name--Enemy-Intel-Collection-Cap				Enemy Intelligence Collection Capabilities.
Enemy-Nuc-Intent					
	data structure	TBD	None	None	Enemy Nuclear Intentions. Enemy intentions to employ nuclear weapons.
Enemy-Nuc-Sys					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
data structure	None	None	None	Enemy Nuclear Systems.	Delivery systems employed by the enemy to deliver a nuclear weapon. Can be rocket, cannon, missile, or aircraft.
Enmy-OB	data structure	None	None	None	Enemy Order of Battle. The identification, strength, command structure and disposition of the enemy force.
Enmy-Sab-Subv-Indics	data structure	None	None	None	Enemy Sabotage and Subversion Indicators. Anything that would provide information that the enemy was performing acts of sabotage or gaining information by subversive means.
Essential-Nuc-Empl-Tasks	data structure	TBD	None	None	Essential Nuclear Employment Tasks. The tasks that need to be performed by both planners and delivery units to ensure mission accomplishment.
Est-NW-Dam-Contrib	data structure	TBD	None	None	Estimation of Nuclear Weapons Damage Contribution. An estimation of the contribution which a nuclear package or subpackage will make toward the overall damage required on the enemy force.
Estimates	data structure	Cdr-Staff-Estimates	None	None	Estimates. Estimates of the situation.
Eval-Nuc-Wpns-Pack	data structure	None	None	None	
		Comp-Pkgs-Pkgs-Subpkgs-COA			

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Est-NW-Dam-Contrib					
Com-Ppse-PkgSub-NucRes-Av-Plan					
Rev-Ppse-PkgSub-Pcl-TsSat-Comp					
Eval-NWpns-Pack	None	Evaluated Nuclear Weapons Package. A staff evaluation of a nuclear weapons package to ensure its compliance with command guidance and intent and provide for flexibility in mission accomplishment.			
Eval-Nuc-Wpns-Pack-Subpack					
Initial-Target-Aimpoint's data structure					
Wpns-Yields-HOBs-Each-!Dd-Tgt					
Ppose-Nuc-Pack-Subpack					
Eval-Nuc-Wpns-Pack					
Eval-Nuc-Wpns-Subpack					
Adj-to-Nuc-Wpns-Pack-Subpack					
App-Nuc-Wpns-Pack					
App-Nuc-Wpns-Subpack					
Rqmt-to-Redev-Nuc-Pack-Subpack	None	Evaluated Nuclear Weapons Package/Subpackage. A staff evaluation of a nuclear weapons package/s-subpackage to ensure its compliance with command guidance and intent.			
Eval-Nuc-Wpns-Subpack					
data structure					
TBD	Eval-NWpns-Subpack	None	Evaluation of the Nuclear Weapons Subpackage. A staff evaluation of a nuclear weapons subpackage to ensure its compliance with command guidance and intent.		
Eval-NWpns-Pack					
alias: main name-Eval-Nuc-wpns-Pack					
Eval-NWpns-Subpack					
alias: main name-Eval-Nuc-Wpns-Subpack					
Exit-Sit-Repts					

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
		Nuc-Del-Sit-Rpts			
		Mvr-Unit-Sit-Rpts			
		CSS-Unit-Sit-Rpts			
		Host-Nation-Rpts			
		Adi-Hq-Sit-Rpts			
		Sub-Unit-Intel-Rpts			
		Tgt-Acq-Unit-Sit-Rpts			
		None			
					External Situation Reports. Reports from higher, lower, or adjacent headquarters which provide information on the general situation and reports from subordinate headquarters which describe their situation.
Ext-Stat-Rpts	data structure				
		Nuc-Del-Status-Rpts			
		Mvr-Unit-Stat-Rpts			
		CSS-Status-Rpts			
		Tgt-Acq-Unit-Stat-Rpts			
		Comms-Unit-Stat-Rep			
		None			
					External Status Reports. Reports from subordinate headquarters which provide information on their respective personnel, equipment, and/or supply status.
External-Rpts	data structure				
		Ext-Stat-Rpts			
		Ext-Sit-Rpts			
		Host-Nation-Rpts			
		None			
					External Reports. Situation and/or status reports from external headquarters.
Fmats-for-Nuc-Related-Comms	data structure				
		TBD			
					Fmats-NWpns-Related-Commo
					None
					Formats for Nuclear Weapons-Related Communications.
					Prescribed sequences or ordering of information for communications involving the employment of nuclear weapons.

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
F'mats-NWpns-Related-Commo	data structure				
alias: main name-F'mats-NWpns-Related-Commo	TBD	None	None	Formatted As-Required Situation Reports. As-required situation reports which are in the proper format.	Formats for Nuclear Weapons-Related Communications.
F'matted-As-Reqd-Sit-Rpts	data structure				
	TBD	None	None	Formatted As-Required Status Reports. As-required status reports which are in the proper format.	
F'matted-As-Reqd-Stat-Rpts	data structure				
	Id'd-Periodic-Regmt	None	None	Formatted As-Required Status Reports. As-required status reports which are in the proper format.	
	Id'd-AsReqd-Regmt	None	None	Formatted As-Required Status Reports. As-required status reports which are in the proper format.	
F'matted-CSS-Status-Rpts	data structure				
	TBD	None	None	Formatted Combat Service Support Status Reports. Combat service support status reports placed in the proper format.	
F'matted-Fire-Orders	data structure				
	TBD	None	None	Formatted Fire Orders. Fire orders placed in the proper format.	
F'matted-Init-Warning-Ord	data structure				
	TBD	None	None	Formatted Initial Warning Order Input. An initial warning order placed in the proper format.	
F'matted-Nuc-Emp-Auth	data structure				
	Nuc-Yields-A'th-Empl	None	None	Formatted Nuclear Employment Authorization. Authorization for employment of a nuclear weapon placed in the proper format.	
	Nuc-Del-Sys-Auth-Empl	None	None		

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
F'matted-Nuc-Emp-Req	data structure	TBD	None		
					Formatted Nuclear Employment Request. Request for employment of a nuclear weapon placed in the proper format.
F'matted-Orders	alias; main name- F'matted-Orders				
					Formatted Orders. Orders placed in the proper format.
F'matted-Orders-Plans	alias; main name- F'matted-Orders-Plans				
					Formatted Orders/Plans.
F'matted-Periodic-Sit-Rpts	data structure	TBD	None		
					Formatted Periodic Situation Reports. Periodic situation reports placed in the proper format.
F'matted-Periodic-Stat-Rpts	data structure	TBD	None		
					Formatted Periodic Status Reports. Periodic status reports placed in the proper format.
F'matted-Plan-Nuc-Empl	data structure	TBD	None		
					Formatted Plan for Nuclear Employment. A plan for the employment of nuclear weapons placed in the proper format..
F'matted-Plans	alias; main name- F'matted-Plans				
					Formatted Plans.
F'matted-Reports	data structure	TBD	None		
					Formatted Reports. Reports placed in the proper format.
F'matted-Req-for-Info	alias; main name- F'matted-Req-for-Info				
					Formatted Requests for Information.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
F'matted-Reg-for-Sit-Update					
alias: main name--Formatted Reqs-for-Sit-Upd					Formatted Requests for Situation Updates.
F'matted-Req-Air-Spt					
data structure	TBD	None	None	Formatted Requests for Air Support.	Requests for air support placed in the proper format.
F'matted-Req-Del-Spt					
data structure	TBD	None	None	Formatted Requests for Delivery Support.	A properly formatted request to a higher or supporting headquarters for delivery support.
F'matted-Req-Rpts					
data structure					
				Collated-Info-on-Curr-Sit	
				F'matted-Sit-Reports-Request	
				Formatted-Status-Rpts	
				F'Matted-Requests-for-Support	
				None	Formatted Requests and Reports. Requests and reports placed in the proper format.
F'matted-Req-Sen-Spt					
data structure	TBD	None	None	Formatted Requests for Sensor Support.	A properly formatted request for sensor support to a higher or supporting headquarters.
F'Matted-Requests-for-Info					
alias: main name--Formatted-Req-for-Info					Formatted Requests for Information. A properly formatted request for information to a higher or supporting headquarters.
F'Matted-Requests-for-Support					
data structure					
				F'matted-Req-Sen-Spt	
				F'matted-Req-Del-Spt	
				F'matted-Req-Air-Spt	
				None	Formatted Requests for Support. Properly formatted requests for support to a higher or supporting headquarters.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
F'matted-Sit-Reports-Requests					
data structure		Formatted-Sit-Rpts			
		F'matted-Nuc-Emp-Req			
			Formatted-Sit-Rpts-Requests		
				None	Formatted Situation Reports/Requests. Properly formatted situation reports and requests to a higher headquarters.
F'Matted-Sit-Status-Reports					
data structure		Formatted-Sit-Rpts			
		Formatted-Status-Rpts			
			None	None	Formatted Situation/Status Reports. Properly formatted situation and status reports to a higher or supporting headquarters.
F'matted-STRIKEWARN-Msg					
data structure		SW-Afia			
		SW-Delta			
		SW-Foxtrtol-1			
		SW-Hotel			
		SW-India			
		SW-Foxtrtol-2			
		SW-Foxtrtol-3			
			None	None	Formatted STRIKEWARN Message. The commander executing the nuclear strike issues the initial warning. The messages are disseminated as rapidly as possible, and, in so far as possible, over secure networks. Not all units should receive the entire message, only specific instructions about protective measures to take if they are in an area of risk.
F'matted-Suppl-Warn-Ord-Input					
data structure		TBD			
			None	None	Formatted Supplemental Warning Order Input. Nuclear weapons related input to a supplemental warning order placed in the proper format.
F'mated-Tgt-Alk-WarnOrd					

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
	TBD	None			Formatted Target Attack Warning Order. A target attack warning order placed in the proper format.
F'matted-Warning-Order	data structure				
		F'matted-Init-Warning-Ord			
		F'matted-Subs-Warning-Ord			
		F'matted-Tgt-Alk-Warn-Ord			
		Critical-Planning-Info			
		Descript-F'coming-Nuc-Empl-Ops			
		Subord-Orgn-Prep-Rqmts			
		F'matted-Suppl-Warn-Ord-Input			
		F'matted-Warning-Ord-Input			
		None			Formatted Warning Order Input. A warning order to a subordinate supporting unit placed in the proper format.
F'matted-Warning-Ord-Input					
		alias: main name-F'matted-Warning-Order			
					Formatted Warning Order Input.
FA-Spt-Plan					
	data structure				
		Arty-Convl-Tgt-List			
		None			Field Artillery Support Plan. Field Artillery specific instructions which form an appendix to the fire support annex of the OPORD/PLAN.
Facts-A'smp-R'grd-Empl-NWpns	data structure				
		Facts-P'ain-to-Empl-NWpns			
		Asumpt-P'ain-to-Empl-NWpns			
		None			Facts and Assumptions Regarding the Employment of Nuclear Weapons. Facts and assumptions gathered by the commander and the staff when planning the use of a nuclear weapon to support an operation.
Facts-P'ain-to-Empl-NWpns	data structure				
		TBD	None	None	facts pertaining to the Employment of Nuclear Weapons. Facts

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Fire-Orders	data structure	TBD	None	None	Fire Orders. Orders to nuclear delivery units to commence a nuclear weapons attack.
Fire-Spt-Doc	data structure	Nuc-Del-Sys-Doctrine	Fire-Support-Doctrine	None	Fire Support Doctrine. Principles, tactics, and techniques used to employ fire support assets.
Fire-Support-Doctrine	alias; main name--Fire-Spt-Doc				Fire Support Doctrine.
Forecast-Nuc-Tgt-Activs	data structure	TBD	None	None	Forecasted Nuclear Target Activities. Predicted enemy nuclear target activities.
FO-Restrict-Empl-Nuc-Wpns	data structure	TBD	None	None	Fallout Restrictions on the Employment of Nuclear Weapons. Established by the commander in his guidance on what limits he is placing on how much fallout he will accept or expose his command to.
Formatted-CS3-Status-Rpts	data structure	TBD	None	None	Formatted Combat Service Support (CSS) Reports. CSS reports placed in the proper format.
Formatted-Directives	data structure				Formatted Directives. Directives placed in the proper format.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Formatted-Nuc-Del-Sit-Rpts					
data structure	TBD	None	None	Formatted Nuclear Delivery Status Reports.	Reports in a format that prepares them for transmission.
Formatted-Nuc-Del-Status-Rpts					
data structure	TBD	None	None	Formatted Nuclear Delivery Status Reports.	Status report depicting the nuclear delivery that have been formatted for transmission.
Formatted-Orders					
data structure	Orders				
	Comms-Doc				
	F'matted-Nuc-Emp-Auth				
	F'matted-Fire-Orders				
	List-Fri-Forces-to-be-Warned				
	F'matted-Orders				
	None				Formatted Orders. Orders that have been placed in proper format.
Formatted-Orders-Plans					
data structure	F'matted-STRIKEWARN-Msg				
	Apvd-Nuc-Empl-IP-to-OPORD-Plan				
	F'matted-Warning-Ord				
	F'matted-Nuc-Emp-Auth				
	F'matted-Fire-Orders				
	Mod-to-Rec-Ord-Plan-Nuc-Empl				
	Nuc-Empl-IP-to-OPORD-Plan				
	Min-Safe-Dist				
	List-Fri-Forces-to-be-Warned				
	STRIKEWARN-Times				
	F'matted-Orders-Plans				
	None				Formatted Orders/Plans. Orders and plans that are of a prescribed format.
Formatted-Plans					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
	Comms-Doc				
	Plans				
			F'matted-Plans	None	Formatted Plans. Plans that have been placed in the proper format
Formatted-Req-for-Info	data structure				
		Info-Needs			
		Id'd-Sources-of-Info			
		Formatted-Req-for-Stat-Upd			
		Formatted-Req-for-Sit-Upd			
		F'Matted-Requests-for-Info			
		F'Matted-Req-for-Info			
		None			Formatted Requests for Information. Requests for information that are formatted.
Formatted-Req-for-Sit-Upd	data structure				
		TBD			
		F'matted-Req-for-Sit-Update			
		None			Formatted Requests for Situation Updates. See above.
Formatted-Req-for-Stat-Upd	data structure				
		TBD			
		None			Formatted Requests for Status Update. See above.
Formatted-Sit-Rpts	data structure				
		F'matted-Periodic-Sit-Rpts			
		Comms-Doc			
		F'matted-As-Reqd-Sit-Rpts			
		None			Formatted Situation Reports. Situation reports that have been formatted.
Formatted-Sit-Rpts-Requests					
		alias; main name--F'matted-Sit-Reports-Requests			
					Formatted Situation Reports Requests. Requests for situation reports that have been formatted.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Formatted-Status-Rpts	data structure				
		F'matted-Periodic-Stat-Rpts			
		F'matted-As-Reqd-Stat-Rpts			
		None	None	Formatted Status Reports. Status reports that have been formatted.	
Fri-Forces-Located-Within-MSDs	data structure				
		TBD	None	None	Friendly Forces Located Within Minimum Safe Distance Areas. Troops located with the MSDs are the minimum distance in meters from DGZ at which risk and vulnerability will not be exceeded with a 99% assurance.
Fri-Unit-Prot-Levels	data structure				
		TBD	None	None	Friendly Unit Protection Levels. Current DOP protection levels of units, e.g. open, open foxholes, APC's, tanks or earth shelters.
Fri-Unit-Prot-Prep-Time	data structure				
		TBD	None	None	Friendly Unit Protection Preparation Time. That time in hours or minutes that it takes a unit to prepare for a nuclear detonation in its area of operations.
Friendly-Force-Loss-Diff	data structure				
		TBD	None	None	Friendly Forces Loss Differential. The actual loss in combat power of friendly forces following an engagement in which nuclear weapons were employed compared to the desired loss in combat power.
FS-Estimate	data structure				
		Nuc-Del-Unit-Proj-Activities			
		None	None	Fire Support Estimate. Prepared by the Fire Support Coordinator to help him integrate and synchronize the employment of fire support resources with the maneuver scheme.	

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
FS-Spt-of-Each-COA	data structure	TBD	None	None	Fire Supportability of Each Course of Action. An analysis of each course of action from the perspective of its supportability by fires.
FSCOORD-Prior-NW-Spt-COA	data structure	TBD	None	None	Fire Support Coordinator (FSCOORD) Prioritization of Nuclear Weapons-Supported Courses of Action (COA). Based on his of each course of action the FSCOORD prioritizes courses of action.
G1-Prior-NW-Spt-COA	data structure	TBD	None	None	G1 Prioritization of Nuclear Weapons-Supported Courses of Action (COA). The G1 capability and recommendation to support one course of action better than another.
G2-Prior-NW-Spt-COA	data structure	TBD	None	None	G2 Prioritization of Nuclear Weapons-Supported Courses of Action (COA). The G2 capability and recommendation to support one course of action better than another.
G3-Prior-NW-Spt-COA	data structure	TBD	None	None	G3 Prioritization of Nuclear Weapons-Supported Courses of Action (COA). The G3 prioritization of COA from maneuver perspective.
G4-Prior-NW-Spt-COA	data structure	TBD	None	None	G4 Prioritization of Nuclear Weapons-Supported Courses of Action (COA). The G4 capability and recommendation to support one course of action better than another.
G5-Prior-NW-Spt-COA	data structure	TBD	None	None	G5 Prioritization of Nuclear Weapons-Supported Courses of Action (COA). The G5 capability and recommendation to support one course of action better than another.

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Geo-R'strict-Empl-Nuc-Wpns	data structure	TBD	None	None	Geographical Restrictions on the Employment of Nuclear Weapons. Because of certain agreements it may not be acceptable to employ a nuclear weapon in some areas within the theater or area of operations.
Ground-Zero-Locs	data structure	TBD	None	None	Ground Zero Locations. The point in the earth's surface at, or vertically above or below, the center of a planned nuclear detonation.
Gui-C'stance-Limits-NWpns-Empl	data structure	TBD	None	None	Guidance on the Circumstances and Limits for Nuclear Weapons Employment. Guidance from the commander or staff on when nuclear weapons could/should be employed and the planning limitations on such employment.
Guid-Acc-Fri-Yulin'bility-Post	data structure	TBD	None	None	Guidance on Acceptable Operational Exposure Levels. The level of total radiation exposure that a commander will accept for his own forces. Usually expressed as a %.
Guid-Acc-Opnl-Exp_Levels	data structure	TBD	None	None	Guidance on Acceptable Operational Exposure Levels. The level of total radiation exposure that a commander will accept for his troops exposed to a nuclear detonation or a contaminated area.
Guid-C'stat-Dam-Obstacles	data structure				

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Guid-for-Init-of-Nuc-Wpns-EmA	TBD	None	None	Guidance on Collateral Damage and Obstacles. Guidance by the commander on collateral damage constraints usually to civilian areas and the preclusion of obstacles in the operational area.	
Guid-for-Init-Req-Nuc-Wpns-EmA	TBD	None	None	Guidance for Initiation of Nuclear Weapons Employment. Guidance from one commander and staff or the circumstances that could lead to the use of nuclear weapons.	
Guid-for-Req-Nuc-Wpns-EmA	data structure	TBD	None	Guidance for Initiation of Nuclear Weapons Employment. Guidance from one commander and staff or the circumstances that could lead to the use of nuclear weapons.	
Guid-NWpns-Empl-Act-Dcpt-Ops	data structure	TBD	None	Guidance for Request of Nuclear Weapons Employment. Guidance from the commander on what circumstances would lead to the initiation of a request to use a nuclear weapon.	
Guid-NWpns-ReId-Pol-Agreemts	data structure	TBD	None	Guidance on the Role of Nuclear Weapons Employment Activities in Deception Operations. Guidance from the commander on how nuclear weapons should be employed to support the deception plan.	

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	TBD	None	None	Guidance on Nuclear Weapons-Related Political Agreements.	
				Guidance from nuclear authorities on any agreements between countries that relate to the employment of nuclear weapons in a particular area.	
Guid-on-Fallout-Restrict					
Guid-on-Fallout-Restrict data structure	TBD	None	None	Guidance on Fallout Restrictions. Guidance from commander on what the fallout restrictions are from nuclear detonations.	
Guid-on-Risk-Vul-Crit					
Guid-on-Troop-Safety-Rqmts					
Guid-on-Troop-Safety-Rqmts data structure					
Guid-on-Fallout-Restrict		None	Cdr-Suppl-Planning-Guid	Guidance on Risk/Vulnerability Criteria. Guidance from the commander c.: the risk he is willing to accept in the areas of precision to damage, obstacles creation, and troop safety. warned protected.	
Guid-on-Troop-Safety-Rqmts					
Guid-on-Troop-Safety-Rqmts data structure					
Spec-Acc-Risk-Fri-Frces					
Guid-Acc-Opnl-Exp-Levels					
Guid-Acc-Fri-Vuln'Rt-Post		None	None	Guidance on Troop Safety Requirements. The distance between the DGZ and the friendly troops that will not exceed the risk establishes for his troops. Expressed by the commander/the radius of safety, which is the distances beyond which weapon effects are considered acceptable.	
Guid-P'plus-C'lat-Dam-Obstacles					
Guid-P'plus-C'lat-Dam-Obstacles data structure					
Guid-C'lat-Dam-Obstacles					
Guid-P'plus-Rqmts		None	None	Guidance on Preclusion of Collateral Damage and Obstacles. Collateral damage is the term that describes undesirable civilian material damage or civilian personnel injuries that can be produced by the effects of friendly	

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Guid-Pclns-Rqmts	data structure	TBD	None	None	Guidance on Preclusion F. Requirements. Guidance on damage to nuclear weapons.
Guid-Tgt-Dam-Dfeat-Crit-Rvis	data structure	TBD	None	None	Guidance on Target Damage Defeat Criteria Revision. The commander will specify in his guidance in fire support what the defeat criteria is for the targets. In the replanning process this criteria may be revised based on the tactical situation.
Heights-of-Burst	data structure	TBD	None	None	Heights of Burst (HOB). The vertical distance from the earth's surface or target to the point of burst. Low airburst is an HOB option providing the most effective coverage for ground tgts (materiel & personnel) while giving high assurance (99%+) of precluding military significant fallout. High airburst is used in special cases for max blast coverage to soft tgts.
Higher-HQ-Admin-Log-Dir	data structure	TBD	None	None	Higher Headquarters Admin-Log Directives. A higher headquarters plan for administrative and logistic support. Information contained in this plan includes personnel data, resupply procedures, civil-military liaison, locations of resupply points.
Higher-HQ-Admin-Log-Plan	data structure	TBD	None	None	Higher Headquarters Admin-Log Plan. Same as above.
Higher-HQ-Admin-Log-Plan-Ord	data structure				

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENT'S ALIASES	RELATED DATA	REMARKS
Higher-HQ-Air-Spt-Plan	TBD	None	None	Higher Headquarters Admin-Log Plan/Order. Same as above.
Higher-HQ-Ary-Spl-Plan	TBD	None	None	Higher Headquarters Air Support Plan. The higher headquarters plan for using available air assets.
Higher-HQ-Avail-Commo-Means	TBD	None	None	Higher Headquarters Field Artillery Support Plan. Guidance to subordinates on the higher headquarters concept and plan for the use of field artillery. Information in this plan could be allocation of assets and nuclear weapons to support the operations plan.
Higher-HQ-Authorizations	TBD	None	None	Higher Headquarters Authorizations. Authorizations by a higher headquarters which allow a force to plan for a given amount of nuclear resources.
Higher-HQ-Cdr's-Intent	TBD	None	None	Higher Commander's Intent. The higher commander's purpose for his directed actions.
Higher-HQ-Civ-Mil-Ops-Anx	TBD	None	Civ-Cult-Resource-Locs Civ-Industrial-Resource-Locs	Higher Headquarters Civil-Military Operations Annex. Information contained in this annex includes, governmental, economic public facilities, nuclear weapons planners will need to consider many of these aspects of an operation.

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Higher-HQ-Commo-Anx	data structure	Higher-Hq-Nuc-Peq-Pel-Channels Higher-Hq-Avail-Commo-Mean	None None	Higher Headquarters Communications-Electronics Annex.	
				Higher Headquarters instructions to the command. Contains signal operating instructions, equipment availability (both wire and radio), signal security, and communications security.	
Higher-HQ-Commo-Instr	data structure	Curr-CE-Oper-Instr	None	Higher Headquarters Communications Instructions. Instructions from higher headquarters which govern the establishment or control of communications.	
Higher-HQ-Coord-Instr	data structure	TBD	None	Higher Headquarters Coordinating Instructions. Instructions provided by a higher headquarters to coordinate the efforts of subordinates in planning or executing an operation.	
Higher-HQ-Counterintell-Instr	data structure	Higher-Hq-Sig-Sec-Msrs Higher-Hq-Phys-Sec-Msrs	None None	Higher Headquarters Counterintelligence Instructions. Instructions contained in the Intelligence Annex to the operations order that specifically address counterintelligence functions.	
Higher-HQ-Dcpt-Anx	data structure	Dcpt-Commo-Req Higher-HQ-Dcpt-Story Higher-HQ-Dcpt-Impl-Sched Higher-HQ-Dcpt-Obj	None None None None	Higher Headquarters Deception Annex. That annex to the	

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Higher-HQ-Dcpt-Impl-Sched	data structure	TBD	None	Higher Headquarters Deception Implementation Schedule.	operations order that outlines deception operations to be used to support a major operation.
Higher-HQ-Dcpt-Obj	data structure	TBD	None	Higher Headquarters Deception Story.	A time or event schedule to implement deception operations.
Higher-HQ-Dcpt-Story	data structure	TBD	None	Higher Headquarters Deception Objective.	The overall objective of the commander and staff in conducting deception operations.
Higher-HQ-Directives	data structure	TBD	None	Higher Headquarters Directives.	The overall picture which used most often to describe a communication in which policy is established or a specific action is ordered.
Higher-HQ-FATac-Msns	data structure	TBD	None	Higher Headquarters Field Artillery Tactical Missions.	The tactical missions assigned to the assigned and supporting field artillery unit. Those missions could be one or more of the following. Direct Support, Reinforcing, General Support Reinforcing or General Support.
Higher-HQ-FS-Anx	data structure	TBD	None	Higher Headquarters Field Artillery Tactical Missions.	The tactical missions assigned to the assigned and supporting field artillery unit. Those missions could be one or more of the following. Direct Support, Reinforcing, General Support Reinforcing or General Support.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Higher-HQ-Nuc-Empl-Assumps	alias: main name - Higher-HQ-Nuc-Empl-Assmpt				which are found in a higher headquarters plan.
Higher-HQ-Nuc-FS-Plan					Higher Headquarters Nuclear Employment Assumptions.
Higher-HQ-Nuc-Ops-Concept					
Higher-HQ-Opnl-Exp-Guid					
Higher-HQ-OPSEC-Anx					

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure	Enemy-Intel-Collection-Cap			
		Higher-Hq-Sig-Sec-Msrs			
		Higher-Hq-Phys-Sec-Msrs			
		Curr-Proj-C'surv-I-Cmsrs			
					Higher Headquarters Operational Security Annex. The detailed instructions on how to apply OPSEC to the planned operation. It could/would include physical security, information security, signal security and control of indicators that could be exploited by hostile intelligence organization.
Higher-HQ-Ord-Plan-Exec-Para	data structure	Higher-Hq-Nuc-Ops-Concept			
		Asgnnd-Org-Mission			
		Adj-Unit-Missions			
		Higher-HQ-Cdr's-Intent			
		Higher-Hq-Coor'-Instr			
		Higher-Hq-Prior-Nuc-Fires			
		R'cord-Impr-Nuc-Log-Tasks			
		R'cord-Impr-Nuc-Tgt-Acq-Tasks			
		R'cord-Impr-Nuc-Tgt-Atk-Tasks			
					Higher Headquarters Order/Plan Execution Paragraph. The details of how an order/plan is to be executed/accomplished and found in paragraph 3 of an order or plan.
Higher-HQ-Orders	data structure	TBD	None	None	Higher Headquarters Orders. A written or oral communications from higher headquarters that convey instructions to a subordinate headquarters which are to be implemented at a specific time.
Higher-HQ-Orders-Plans	data structure				
					Higher-Hq-OPSEC-Anx
					Higher-Hq-C'omm-Inst
					Higher-Hq-FS-Anx
					Higher-Hq-Int'l-Anx
					Higher-HQ-D'cpt-Anx

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Higher-HQ-1-Ord-Plan-Exec-Para	Higher-HQ-1-Ord-Plan-Exec-Para				
Higher-HQ-Admin-Log-Dir	Higher-HQ-Admin-Log-Dir				
Higher-HQ-Task-Org	Higher-HQ-Task-Org				
Higher-HQ-Commo-Anx	Higher-HQ-Commo-Anx				
Higher-HQ-Civ-Mil-Ops-Anx	Higher-HQ-Civ-Mil-Ops-Anx				
Nuc-Wpns-Empl-Pol-Guid	Nuc-Wpns-Empl-Pol-Guid		None	Higher Headquarters Orders and Plans. Written and oral communications from higher headquarters that convey instructions to subordinates. They contain all the details to take a organization through the execution of a planned operation.	
Higher-HQ-Pers-Anx	Higher-HQ-Pers-Anx				
data structure	TBD	None	None	Higher Headquarters Personnel Annex. Contains guidance to support various courses of action from a personnel perspective.	
Higher-HQ-Phys-Sec-Msrs	Higher-HQ-Phys-Sec-Msrs				
data structure	TBD	None	None	Higher Headquarters Physical Security Measures. Security measures directed by higher headquarters for the protection of nuclear facilities or weapons.	
Higher-HQ-Plans	Higher-HQ-Plans				
data structure	TBD	None	None	Higher Headquarters Plans. Written or oral communications from a higher headquarters to convey instructions to subordinates which are to be executed at some point in the future.	
Higher-HQ-PNL-Alloc	Higher-HQ-PNL-Alloc				
data structure	TBD	None	None	Higher Headquarters Prescribed Nuclear Load Allocation. Allocation of the nuclear weapons in a command to the delivery unit based on anticipated missions.	
Higher-HQ-Prior-Nuc-Fires	Higher-HQ-Prior-Nuc-Fires				
data structure	TBD	None	None	Higher Headquarters Priority of Nuclear Fires. Which subordinate unit(s) has priority for nuclear fires oncey they have been requested and authorized for use.	

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Higher-HQ-Sen-Spt	data structure	TBD	None	Higher Headquarters Sensor Support. Sensors available to support an operation in both target acquisition and post strike assessment.	
Higher-HQ-Sig-Sec-Msrs	data structure	TBD	None	Higher Headquarters Signal Security Measures. Measures directed by higher headquarters concerning the security of electronic signals.	
Higher-HQ-Sit-Msgs	data structure	Curr-Enmy-Locs Curr-Enmy-Activities Proj-Enmy-Locs Proj-Enmy-Activities Enmy-Caps	None	Higher Headquarters Situation Messages. Messages from a higher headquarters depicting what is happening in the area regarding friendly and enemy forces.	
Higher-HQ-SS-Anx	data structure	TBD	None	Higher-HQ-Admin-Log-Plan	Higher Headquarters Service Support Annex. Details of how service support is to be provided during a particular operation. Information included in the annex may be supply and transportation, medical and maintenance instructions.
Higher-HQ-Task-Org	data structure	List-of-Spt-Del-Units List-of-Sptg-CS-Units List-of-Spt-TA-Units	None	Higher Headquarters Task Organization. Elements that comprise a particular organization tailored for a particular mission.	

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
HOB-Sel-P'dures					
	data structure	TBD	None	Height of Burst Selection Procedures. A technical procedure based on the desired effects of the nuclear weapon on the target.	
Host-Nation-Civ-Def-Meas					
	data structure	None	None	Host Nation Civil Defense Measures. Measures taken by the nation to protect the civilian population from the effects of nuclear detonations or other combat effects.	
Host-Nation-Rpts					
	data structure	Civ-Pop-Locs Civ-Pop-Mvmts Civ-Trans-Resource-Status Refugee-Status		Civ-Cult-Resource-Locs Civ-Industrial-Resource-Locs	
				Host Nation Reports. Reports received from host nation sources which include information regarding the civilian population centers, refugee control measures, and those areas that should be precluded from damage.	
Hours					
	basic data		01:00:00 24:00:00	Date-Time-Group	Date of time, 1/24th of a day in length.
					Hours. A segment of time.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENT'S ALIASES	RELATED DATA	REMARKS
l'grated-Corps-Nuc-Wpns-Pack	data structure	Div-Cdr-Apvd-NWpns-Subpack		
		Corps-Cdr-Apvd-NWpns-Pack		
		Corps-Pkg-Aimpts		
		Corps-Pkg-Wpns		
		Purge-NW-Dup-Fr-PkgSubpkg		
		None	None	Integrated Corps Nuclear Weapons Package. An approved corps package which has been integrated with approved subordinate unit subpackages.
l'grated-Corps-NWpns-Pack	alias, main name--l'grated-Corps-Nuc-Wpns-Pack			Integrated Corps Nuclear Weapons Package.
l'pact-of-Vari-on-Msn-Acmplsmnt	data structure	TBD	None	Impact of Variance on Mission Accomplishment. The expected effect, in terms of mission accomplishment, which any variance between the desired and the actual results of nuclear employment tasks.
l'd-AsReqd-Repl'g-Reqmt	data structure	TBD	None	Identified "As Required" Reporting Requirement. A situational or event triggered reporting requirement.
l'd-Opport-to-Exploit-Surcess	data structure	TBD	None	Identified Opportunity to Exploit Success. Related to battlefield imperatives it involves the recognition of a situation where the enemy force is in a tactical or operational position of disadvantage.
l'd-Periodic-Repl'g-Reqmt	data structure	TBD	None	Identified Periodic Reporting Requirement. A requirement to submit a type of report at a pre-designated time.
l'd-Rqmt-Addl-Del-Spt	data structure			

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	TBD	ID:j-Rqmts-for-Add'l-Dei-Spt			
		None			Identified Requirements for Additional Delivery Support.
					Results of the comparison of available delivery systems with the number and types required to execute a package.
					The outcome is a statement of delivery system shortfall.
Id'd-Rqmt-Addl-Sen-Spt	data structure	TBD	ID'd-Rqmts-for-Add'l-Sen-Spt		
			None		Identified Requirements for Additional Sensor Support.
					The results of a comparison of sensors available to support nuclear attacks against specific targets. The outcome is a determination of sensor shortfall.
ID'd-Rqmts-for-Add'l-Dei-Spt	alias: main name-Id'd-Rqmt-Addl-Dei-Spt				Identified Requirements for Additional Delivery Support.
ID:j-Rqmts-for-Add'l-Sen-Spt	alias: main name-ID:j-Rqmt-Addl-Sen-Spt				Identified Requirements for Additional Sensor Support.
Id'd-Sources-of-Info	data structure	TBD	None		Identified Sources(s) of Information. The results of a survey which identifies the available agencies which are capable of providing the required information
Id'd-Tgt-Atk-Means	data structure	Avail-Tgt-Atk-Means	None		Identified Target Attack Means. The results of a process which matches capable target attack system(s) to the target(s) to be engaged by nuclear weapon(s).
Id'd-Tgt-Development-Means	data structure	Fo'cast-Nuc-Tgt-Actv's Nuc-Tgt-ObsVbl-Params Match-Avail-Sen-Nuc-Tgts	None		Identified Target Development Means. The results of a process which matches the capable target systems to

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Impl-En-Locs-NWpris-Empl	data structure	TBD	None	Impact of Enemy Locations on Nuclear Weapons Employment. A description of the effect which current and protected enemy locations will have on the forces ability to employ nuclear weapons.	Means to the targets selected for engagement with nuclear weapons.
Impl-Nuc-Empl-Tasks	data structure	TBD	None	Implied Nuclear Employment Tasks. Tasks, not specifically mentioned in the order or plan, which must be accomplished to successfully conduct nuclear attacks.	
Impl-Nuc-Log-Tasks	data structure	TBD	None	Implied Nuclear Logistics Tasks. Tasks, not specifically mentioned in the order or plan, which relate to nuclear weapons associated logistics.	
Implied-Nuc-Tgt-Acq-Tasks	data structure	TBD	None	Implied Nuclear Target Acquisition Tasks. Tasks, not specifically mentioned in the order or plan, which relate to target acquisition support for nuclear weapons attacks.	
Implied-Nuc-Tgt-Atk-Tasks	data structure	TBD	None	Implied Nuclear Target Attack Tasks. Tasks, not specifically mentioned in the order or plan which must be accomplished to execute an attack of targets with nuclear weapons.	
Info-Accept-Recorded	data store				
					Decoded-Info
					Decrypted-Info

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Info-Discarded	data store	Info-W-No-Stor-Distr-Regmt	None	None	Information Discarded. Information located in data files or bases which is no longer needed and therefore deleted from the system.
Info-Distr-for-Use	data structure	TBD	None	None	Information Distributed for Use. Nuclear weapons information which has been provided to processors of nuclear employment data.
Info-Mgmt-Doc	data structure	Info-Mgmt-Staff-Resp	None	None	Information Management Doctrine. Guidelines and procedures which facilitate the receipt, storage, and information and transmission of information.
Info-Mgmt-Staff-Resp	data structure	Info-Storage-P'dures-Doc	None	None	Information Management Staff Responsibilities. Well defined actions required of the staff to obtain, evaluate, analyze, and distribute information required to support operations and planning activities.
Info-Needs	data store	Review-Outst-Req-for-Info	None	None	Information Needs. The body of information which is required from external headquarters in order to perform nuclear employment planning functions.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Info-Proc'd-Storage-Distr					
data store	TBD	None	None	Information	Processed for Storage or Distribution. That information which has been evaluated and deemed suitable retain for future use.
Info-Queries	data structure				
		Requests-for-Sit-Update			
		Requests-for-Status-Update	None	None	Information Queries. Requests from processors of nuclear employment functions for information needed to conduct planning.
Info-Stored-in-Info-Base	data store				
		Info-Proc'd-Storage-Distr			
		Info-Discarded			
		Info-Distr-for-Use			
		Retrd-Info	None	None	Information Stored in the Information Base. The data which is used as the basis for planning and operational decisions. It is generally accessible and required by members of the staff to advise and coordinate nuclear employment actions.
Info-W-No-Stor-Distr-Reqmt	data store				
		TBD	None	None	Information With No Storage or Distribution Requirement. Data which is evaluated and rejected as invalid or is not needed for nuclear employment planning.
Info-Storage-P'dures-Doc	data structure				
		TBD	None	None	Information Storage ProceduresDoctrine. Guidance which describes the steps taken to store and maintain information.
Information-Base	data store				

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Init-Alloc-NW-Spt-Ea-Sch-Mvr	TBD	None	None	None	Information Base. The mass of stored information on which operational decisions and planning activities are based.
Init-Array-Nuc-Del-Sys	TBD	None	None	None	Initial Allocation of Nuclear Weapons to Support Each Scheme of Maneuver. The number and type of nuclear weapons apportioned to support a specific scheme of maneuver for wargaming purposes.
Init-NWpns-Tgt-List	TBD	None	None	None	Initial Array of Nuclear Delivery Systems. The expected positions of firing units which are to support a specific nuclear weapons-supported scheme of maneuver.
Initial-Target-Aimpoints	TBD	None	None	None	Initial Nuclear Weapons Target List. The expected targets against which nuclear weapons are planned. It includes information concerning the target type, location, size and activity.
Initial-Warn-Ord-Input	TBD	None	None	None	Initial Target Aimpoints. The point in relation to the ground where the weapon(s) is expected to be delivered without regard to preclusion requirements.
Prim-Tgt-El-Nuc-Tqts					
Di-Crit-Nuc-Tqts					
Tgt-Dam-Contrib-Cnv-Wpns					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Initialization-Data known data	N/A	N/A			Initialization Data. All of the information necessary for nuclear employment planning which must be available to the upon start-up.
Input-NW-SpId-COA-Simts		Descr-Role-NW-Ea-COA		Input-NW-SpId-COA-Simts	
				None	Inputs to Nuclear Weapons-Supported Course of Action Statements. Nuclear weapons employment information required to complete a course of action statement and sketch.
Intel-Spi-of-Each-COA					
Intelligence-Doctrine					
Intelligence-Estimate					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					by the G2 of the degree to which various courses of action can be supported. The estimate incorporates a description of weather and terrain factors, enemy force disposition, and their expected reaction to operational situation as proposed. (Annex E, FM 101-5)
IntraStaff-Comp-COA	data structure	TBD	None	Intra-Staff Comparison of Courses of Action (COA). The on-going process through which a number of COA are jointly assessed by the staff to determine feasibility and supportability.	
IP-NWpns-Spt-COA-Simis	alias; main name-Input-NW-Sptd-COA-Simis			Inputs to Nuclear Weapons-Supported Course of Action Statements.	
IPB-Dec-Spt-Temps	data structure	TBD	None	Intelligence Preparation of the Battlefield (IPB) Decision Support Templates. An intelligence product which is used to aid the commander by indicating the points where tactical decisions are required. (FM 34-1)	
IPB-Event-Temps	data structure	TBD	None	Intelligence Preparation of the Battlefield (IPB) Event Templates. An intelligence product which projects the sequence of events related to a particular enemy course of action. (FM 34-1)	
Keyed-Rpts-Dir-ReqS	data structure	TBD	None	Keyed Reports, Directives, and/or Requests. Information which has been entered into a communications mode.	
Limit-on-Empl-Nuc-Wpns	data structure			Csimis-on-Empl-NWpns Rstrict-on-Empl-NWpns	

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
List-Fri-Forces-to-be-Warned	data structure	Fri-Forces-Located-Within-MSDs			
		Risk-Fri Forces			
		List-of-Fri-Forces-to-Warn			
			None	List of Friendly Forces to be Warned. A summary of units which require warning in order to meet the commander's risk exposure guidance.	
List-of-Fri-Forces-to-Warn	alias; main name-List-Fri-Forces-to-be-Warned				List of Friendly Forces to be Warned.
List-of-Spt-TA-Units	data structure				
		TBD	None		
				List of Supporting Nuclear Delivery Units. A listing of units which are organic to or supporting the force and capable of delivering nuclear weapons.	
List-of-Spt-TA-Units	data structure				
		Higher-Hq-Sen-Spt	None		
				List of Supporting Target Acquisition Units. A listing of units which are organic to or supporting the force and are capable of providing target acquisition data in support of nuclear weapons operations.	
List-of-Spt-CSS-Units	data structure				
		TBD	None		
				List of Supporting Combat Service Support Units. A listing of units which are organic to or supporting the force capable of providing logistical support for nuclear weapons operations.	
Log-Char's-of-the-AO	data structure				

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Log-Estimate	data structure	Class-V-Trans-Constr's Log-Chars-of-the-AO	None	None	Logistical Characteristics of the Area of Operations. A description of the physical and operating characteristics of the area which have the potential to effect the timeliness, quantity, and quality of logistics support.
Log-Spt-of-Each-COA	data structure	TBD	None	None	Logistics Estimate. An analysis conducted by the G-4 which delineates logistics factors effecting the proposed mission(s). It draws conclusions and makes recommendations concerning the logistic feasibility of various COA.
Match-Avail-Del-Sys-Tgt	data structure	TBD	None	None	Logistics Supportability of Each Course of Action. A statement of whether and how well CSS forces (i.e., resupply, transportation, etc.) can provide the logistical support for each nuclear weapons-supported COA.
Match-Avail-Sen-Nuc-Tgts	data structure	TBD	None	None	Match of Available Delivery Systems to Targets. A comparison of available delivery systems (i.e. within range etc.) to the targets selected for attack.
Match-Avail-Sen-Tgt	data structure	Aval-Tgt-Devel-Means	Match-Avail-Sen-Tgt	None	Match of Available Sensors to Nuclear Targets. A comparison of the sensors required to locate the targets scheduled for attack with nuclear weapons.
Match-P'cede-for-NWpns-Empl-Com		alias: main name--Match-Avail-Sen-Nuc-Tgts			Match of Available Sensors to Nuclear Targets.
Math-P'cede-for-NWpns-Empl-Com		alias: main name--Meth-P'cede-Nuc-Wpn-Empl-Commo			

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Meth-P'cede-Nuc-Wpn-Empl-Commo					Methods and Procedures for Nuclear Weapons Employment Communications.
Meth-P'cede-Nuc-Wpn-Empl-Commo	data structure	NWpns-Emer-Action-Procedures			
		Plan-Empl-Ea-Mails			
		F'mats-for-Nuc-Related-Comms			
		Commo-Chan-NWpns-Related-Commo			
		Nuc-Wpns-Commo-Prior			
		Phys-Sec-P'dur-NW-Rel-Int-Eic			
		Emsn-Sec-NWpns-Rel-Commo			
		Plan-Empl-Ea-Mails			
		Meth-P'cede-for-NWpns-Empl-Com			
		Meth-P'dures-for-NWpns-Empl-Co			
		Meth-P'cede-NWpns-Empl-Commo			
		None			Methods and Procedures for Nuclear Weapons Employment Communications. Procedures governing the use and security of the communications used in support of nuclear weapons employment.
Meth-P'cede-NWpns-Empl-Commo					
		alias: main name-Meth-P'cede-Nuc-Wpn-Empl-Commo			Methods and Procedures for Nuclear Weapons Employment Communications.
Meth-P'dures-for-NWpns-Empl-Co					
		alias: main name-Meth-P'cede-Nuc-Wpn-Empl-Commo			Methods and Procedures for Nuclear Weapons Employment Communications.
METT-T	data structure				
		Mission			
		Enemy			
		Troops			
		Terrain			
		Time-Avail			
		None			Mission, Enemy, Troops, Terrain, and Time Available. A standard set of planning considerations applicable to all

DNA DATA, DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Min-Safe-Dist	data structure	Zone-1-MSD Zone-2-MSD Zone-3-MSD Zone-4-MSD		None	tactical planning activities.
					Minimum Safe Distance. A calculated distance from a designated ground zero (DGZ). MSDs are used to determine how closer specific nuclear weapons can be employed to friendly troops without exceeding specified risk levels. MSD size changes based on yield of weapon, vulnerability categories, risk level, and delivery errors.
Minutes	basic data	TBD		None	Minutes. A minute is a segment of time equal to 1/60th of an hour.
Mission	data structure	TBD		None	Mission. A clear, concise statement of the task of a command and its purpose.
Mod-Course-of-Action	data structure	Mod-to-Plan-NWpns-Spl Mod-to-Mvr-Scheme		None	Modified Course of Action. A course of action which is changed to based on the commander's estimate of the situation.
Mod-FS-R'lated-Nuc-Empl-IP	alias: main name-Mod-to-FS-R'lated Nuc-Empl-IP				Modifications to Fire Support Related Nuclear Employment Inputs.
Mod-OPSSEC-R'lated-Nuc-Empl-IP					Modifications to Fire Support Related Nuclear Employment Inputs.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
data structure	TBD	None		Modifications to OPSEC Related Nuclear Employment Inputs. Changes to the OPSEC planning requirements which are directed by the approving authority.	
Mod-Plan-NWpns-Spt				Modifications to the Plan of Nuclear Weapons Support.	
Mod-to-FS-R'lated-Nuc-Empl-IP					
data structure	TBD	Mod-FS-R'lated-Nuc-Empl-IP		None Modifications to Fire Support Related Nuclear Employment Inputs. Changes to the inputs to nuclear fire support plan which are directed by the approving authority.	
Mod-to-Intel-R'ld-Nuc-Empl-IP					
data structure	TBD	None		Modifications to Intelligence Related Nuclear Employment Inputs. Changes to inputs to intelligence (e.g. collection) plans which directed by the approving authority.	
Mod-to-Log-R'lated-Nuc-Empl-IP					
data structure	TBD	None		Modifications to Logistics Related Nuclear Employment Inputs. Changes to inputs to the logistics support plan which are directed by the approving authority.	
Mod-to-Mvr-Scheme					
data structure	TBD	None		Modification to the Maneuver Scheme. Changes to the recommended maneuver plan based on the commander's estimate.	
Mod-to-Nuc-Depl-Empl-IP					
data structure	TBD	None		Modifications to the Deception Related Nuclear Employment Inputs. Changes to the deception plan directed by the approving authority.	
Mod-to-Nuc-Empl-IP-OPORD-Plan					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
data structure	TBD	None	None	Modifications to the Nuclear Employment Inputs to the Operations Order/Plan. OPORD/OPLAN changes which are directed by the approving authority.	
Mod-to-Plan-NWpns-Spt					
data structure	TBD	Mod-to-Plan-NWpns-Support			
		Mod-Plan-NWpns-Spt			
		Mod-to-Plan-of-NWpns-Spt			
		None	Modifications to the Plan of Nuclear Weapons Support. Changes to the nuclear weapons support plan based on the commanders estimate.		
Mod-to-Plan-NWpns-Support		alias: main name-Mod-to-Plan-NWpns-Spt		Modifications to the Plan of Nuclear Weapons Support.	
Mod-to-Plan-of-NWpns-Spt		alias: main name-Mod-to-Plan-NWpns-Spt		Modifications to the Plan of Nuclear Weapons Support.	
Mod-to-Rec-Ord-Plan-Nuc-Empl					
data structure	Mod-OPSEC-R'lted-Nuc-Empl-IP				
	Mod-FS-R'lted-Nuc-Empl-IP				
	Mod-to-Intel-R'lted-Nuc-Empl-IP				
	Mod-to-Log-R'lted-Nuc-Empl-IP				
	Mod-to-Nuc-Depl-R'lted-Empl-IP				
	None	Modifications to the Nuclear Employment Inputs to the Operations Order/Plan. OPORD/OPLAN changes which are directed by the approving authority.			
Month	data structure	TBD	None	None	Month. A time segment equat to 1/12th of a year.
MSD		alias: main name-Min-Safe-Dist			Minimum Safe Distance. A calculated distance from a
MSD-Prot-Mrs-Doc					
	data structure				

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Zone-1-MSD	None				
Zone-2-MSD					
Zone-3-MSD					
Zone-4-MSD					
Min-Safe-Dist	None				Minimum Safe Distance Protective Measures Doctrine. The guidance involved in the determination of safe distances and protection of forces consistent with operational requirements. Primary doctrine is found in FM 100-30 and FM 101-31-1
Mvmt-Planning-Info					
data structure	TBD	None		Movement Planning Information. Information and instructions provided to subordinate headquarters in a warning order which allows necessary movement to begin prior to the finalization of the plan.	
Mvr-Counteractions-Enemy-Rx					
data structure	TBD	None		None	Maneuver Counteractions to Enemy Reactions. A part of the wargaming process which anticipates enemy reactions and prepares maneuvers (and fires) to exploit them.
Mvr-Schemes					
data structure	TBD	None		None	Maneuver Schemes. The movement and positioning of forces to exploit the nature of the terrain and gain positional advantage in relation to enemy forces.
Mvr-Unit Activities					
data structure	TBD	None		None	Maneuver Unit Activities. The combat activities of maneuver units. They include attack, defend, delay, etc. tasks.
Mvr-Unit Equipment Status					
data structure	TBD	None		None	Maneuver Unit Equipment Status. A summary statement of the operational availability and status of critical items of unit equipment.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Mvr-Unit-Locations					
basic data	TBD	Mvr-Unit-Locs	None	Maneuver Unit Locations. A statement which provides the position of units, normally plotted using the UTM system.	
Mvr-Unit-Locs	alias :: main name--Mvr-Unit-Locations				Maneuver Unit Locations.
Mvr-Unit-Pers-Status					
data structure	TBD	None	None	Maneuver Unit Personnel Status. A statement which describes the numbers and status of assigned personnel.	
Mvr-Unit-Proj-Activities					
data structure	TBD	None	None	Maneuver Unit Protected Activities. Information contained in the OPLAN/OPORD or estimate process which projects subsequent actions of maneuver units.	
Mvr-Unit-Proj-Locs					
data structure	TBD	None	None	Maneuver Unit Protected Locations. Information contained in the OPLAN/OPORD or estimate process which projects subsequent positions of maneuver units.	
Mvr-Unit-Sit-Rpts					
data structure		Mvr-Unit-Locations			
		Mvr-Unit-Activities	None	Maneuver Unit Situation Reports. Reports from maneuver units which provide information concerning the tactical circumstances in which the unit finds itself (e.g. under attack, attacking, etc.	
Mvr-Unit-Sit-Stat-Rpts					
data structure		Mvr-Unit-Sit-Rpts			
		Mvr-Unit-Stat-Rpts	None	Maneuver Unit Situation and Status Reports. Reports from	

DNA DATA DICTIONARY

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Mvr-Unit-Stat-Rpts	data structure	Mvr-Unit-Eqpmt-Status Mvr-Unit-Pers-Status	None	None	Maneuver Status Reports. Reports from maneuver units which provide critical data necessary to support the commander's decision process.
NASP-Locs	data structure	TBD	None	None	Nuclear Ammunition Supply Point Locations. The grid locations of nuclear ammunition supply points.
NASP-WHA-Locs	data structure	TBD	None	None	Nuclear Ammunition Supply Point (NASP) Weapons Holding Area. The grid coordinate location of nuclear ammunition supply points and weapons holding areas.
Non-Nuc-FS-Concept	data structure	FA-Spt-Plan Air-Spt-Plan	None	None	Non-Nuclear Fire Support Concept. Conventional fire support plan for supporting a given/planned operation.
Nuc-Air-Del-Sys-Caps	alias; main name-Air-Nuc-Del-Sys-Caps				Air Nuclear Delivery Systems Capabilities.
Nuc-Alk-Trigger-Events	data structure	COA-Ev-Init-Nuc-Emp-ReqAuth COA-Nuc-Emp-ReqAuth-Ex-Dec-Pts	None	None	Nuclear Attack Trigger Events. Events that would cause a maneuver commander to request authority to employ nuclear weapon or employ a nuclear weapon if authority had previously been granted.
Nuc-Cap-Units					

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
	TBD	None	None	Nuclear Capable Units. Those units that have been designated by mission or equipment to deliver a nuclear weapon.	
Nuc-Del-Sit-Rpts	data structure				
		Nuc-Del-Unit-Locs			
		Nuc-Del-Unit-Activities			
		None	None	Nuclear Delivery Unit Situation Reports. Reports that portray what the locations and activities of a nuclear delivery unit.	
Nuc-Del-Status-Rpts	data structure				
		Nuc-Del-Unit-PNL-Status			
		Nuc-Del-Unit-Eqpt-Status			
		Nuc-Del-Unit-Supply-Status			
		Nuc-Del-Unit-Pers-Status			
		None	None	Nuclear Delivery Unit Status Reports. Reports reflection a delivery unit's status in terms of being able to assume or accomplish an already assigned mission.	
Nuc-Del-Sys-Auth-Empl	data structure				
	TBD	None	None	Nuclear Delivery Systems Authorized for Employment. Those nuclear delivery systems that have been authorized for use in delivering a nuclear weapon.	
Nuc-Del-Sys-Caps	data structure				
		Surf-Nuc-Del-Sys-Caps			
		Air-Nuc-Del-Sys-Caps			
		None	None	Nuclear Delivery System Capabilities. The capabilities of those systems designated as nuclear delivery systems	
Nuc-Del-Sys-Doctrine	data structure				
		Nuc-Del-Sys-Caps			
		Nuc-Del-Sys-Resp-Times			
		None	None	Nuclear Delivery System Doctrine. Tactics, techniques and procedures governing the employment of nuclear capable delivery	

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Nuc-Del-Sys-Resp-Times	data structure	Surf-Nuc-Sys-Resp-Times Air-Nuc-Sys-Resp-Times	None	Nuclear Delivery System Response Times. The time it takes a system to deliver a prescribed weapon from receipt of the mission.	
Nuc-Del-Unit-Activities	data structure	TBD	Del-Unit-Act	None	Nuclear Delivery Unit Activities. Activities engaged in by a delivery unit. Could be moving, maintenance, resting or processing a mission.
Nuc-Del-Unit-Eqpmnt-Status	data structure	TBD	None	Nuclear Delivery Unit Equipment Status. The availability of equipment in a delivery unit which is necessary for mission accomplishment.	
Nuc-Del-Unit-Locs	data structure	TBD	Del-Unit-Locs	None	Nuclear Delivery Unit Locations. Grid coordinate locations of delivery unit's.
Nuc-Del-Unit-Pers-Status	data structure	TBD	None	Nuclear Delivery Unit Personnel Status. Availability and condition of personnel in a nuclear delivery unit.	
Nuc-Del-Unit-PNL-Status	data structure	TBD	Del-Unit-PNL-Status	None	Nuclear Delivery Unit Prescribed Nuclear Load (PNL) Status. The status - to include location, number of weapons, and yields - of a nuclear delivery unit's PNL.

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Nuc-Del-Unit-Proj-Activities	data structure	TBD	None	Nuclear Delivery Unit Projected Activities. Based on an operational plan or mission what will the unit be engaged in.	
Nuc-Del-Unit-Supply-Status	data structure	TBD	None	Nuclear Delivery Unit Supply Status. Availability of supplies needed to sustain a nuclear delivery unit.	
Nuc-Deton-Data	data structure	Ground-Zero-Locs Yield-Estimations Actual-HOBs		Record-Detonation-Data	Nuclear Detonation Data. Information gathered as a result of the detonation of a nuclear weapon. It could include actual Desired Ground Zero (DGZ), actual Height of Burst (HOB), estimated yield and perhaps fallout data.
Nuc-Emp-Auth	alias; main name--Nuc-Empl-Auth				Nuclear Employment Authorization.
Nuc-Emp-Auth-Time-Wdow	data structure	TBD	None		Nuclear Employment Authorization Time Window. The time frame in which a nuclear weapon may be employed. Usually expressed in hours.
Nuc-Emp-Dcpt-Tasks	data structure	TBD	None		Nuclear Employment Deception Tasks. Tasks outlined in the deception plan that expressly address how a nuclear weapon's employment potential will be used in the deception plan.
Nuc-Emp-Info-Sec-Msrs	data structure	TBD	None		Nuclear Employment Information Security Measures.

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					Measures taken to preclude enemy sources from obtaining any information about the use of nuclear weapons.
Nuc-Empl-Anal-Doc	data structure	Aimpoint-Sel-P'dures Damage-Est-P'dures Yield-Sel-P'dures HOB-Sel-P'dures MSD-Prot-Msrs-Doc		None	Nuclear Weapons Employment Analysis Doctrine. Procedures used by target analysts to analyze a target on which a nuclear weapon will be employed.
Nuc-Empl-Auth	data structure	Nuc-Emp-Auth-Time-Wdow Nuc-Yields-Auth-Empl Nuc-Del-Sys-Auth-Empl Higher-Hq-Nuc-Emp-Auth Nuc-Emp-Auth		None	Nuclear Employment Authorization. Authorization received from higher headquarters to expend a nuclear weapon or weapons.
Nuc-Empl-C-Guid	data structure	Descr-Spec-Msrs-Prot-Nuc-Res Descr-SpecMsrs-Hide-NucEmp-Int		None	Nuclear Employment Counterintelligence Guidance. Measures taken to protect from enemy detection the plan or preparations to use nuclear weapons.
Nuc-Empl-Coord-Info	data structure	Tgt-Devel-Coord-Info Tgt-Atk-Coord-Info		None	Nuclear Employment Coordination Information. All information required to coordinate the development and attack of enemy by use of nuclear weapons.

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Nuc-Empl-Info					
	alias; main name--Nuc-Empl-Coord-Info				Nuclear Employment Coordination Information.
Nuc-Empl-IP-Dcpt-Anx	data structure				
	Descr-Nuc-Asps-Dcpt-Corc				
	Nuc-Emp-Dcpt-Tasks				
	Nuc-Empl-IP-Dcpt-ANX	None			Nuclear Employment Input to the Deception Annex. Any information that needs to be included in the annex which explains how nuclear weapons are to be used in deception operations.
Nuc-Empl-IP-Dcpt-ANX	data structure				
	alias; main name--Nuc-Empl-IP-Dcpt-Anx				Nuclear Employment Inputs to the Deception Annex.
Nuc-Empl-IP-Exec-Para-OP	data structure				
	Rcord-Nuc-Emp-Asumpt				
	Corc-Nuc-Spt				
	Plan'g-Prior-Nuc-Fires	None			Nuclear Employment Input to the Execution Paragraph of the Operations Order/Plan. Information regarding the conduct of nuclear support, or assumptions regarding nuclear weapons employment.
Nuc-Empl-IP-FS-Anx	data structure				
	TBD	None			Nuclear Employment Input to the Fire Support Annex. Authorization to expend PNL information, deployment data for delivery systems, restrictions, constraints and troop safety.
Nuc-Empl-IP-Intel-Anx	data structure				
	NWpns-Intel-Rqmts				
	NWpns-Sen-Coll-Tasks				
	Init-NWpns-Tgt-List	None			Nuclear Employment Inputs to the Intelligence Annex. Intelligence

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Nuc-Empl-IP-Log-Dir	data structure	Unit-PNL-Redistrib-Procedures NASP-WHA-Locs Prescr-Nuc-Stockage	None	None	aspects for the employment of nuclear weapons, such as targets and counterintelligence procedures to preclude the enemy from gaining knowledge of nuclear employment plans.
Nuc-Empl-IP-OPSEC-ANX	data structure	Nuc-Res-Phys-Sec-Msrs Nuc-Emp-Info-Sec-Msrs	None	Nuclear Employment Input to the OPSEC Annex. Nuclear employment security measures that are to be specified in the operations security annex of an OPORD/OPPLAN.	
Nuc-Empl-IP-to-OPORD-Plan	data structure	Nuclear-Support-Plan Nuc-Empl-IP-Exec-Para-Op Nuc-Empl-IP-FS-Anx Nuc-Empl-IP-Intel-Anx Nuc-Empl-IP-Log-Dir Nuc-Empl-IP-Dclpt-Anx	None	Nuclear Employment Inputs to the Operations Order/Plan.	Information regarding the use of nuclear weapons in support of a particular operation.
Nuc-Empl-Limit-Csid-Planning	data structure	Deg-Acc-Risk-Csid-Dur-Planq Cstrmt-NW-Emp-Csid-Dur-Planq Restr-NW-Emp-Csid-Dur-Planq			Nuc-Empl-Limit-Csid-Planning

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Nuc-Empl-Limit-Csid-Planning	alias; main name--Nuc-Empl-Limit-Csid-Planning			Nuclear Employment Limitations to be Considered During Planning.	Nuclear Employment Limitations to be Considered During Planning. These are limitations which the commander desires that the staff considers during the planning process.
Nuc-Empl-OPSEC-Guid	data structure	Guid-NWpns-Empl-Act-Dcpt Ops Nuc-Empl-CI-Guid	None	Nuclear Weapons Employment OPSEC Guidance. Guidance provided by the commander regarding measures to be taken to prevent the enemy from gaining knowledge about friendly nuclear employment.	
Nuc-Empl-Req	data structure	Sub-Unit-Nuc-Empl-Req	Nuc-Empl-Request	Nuclear Employment Request. A request from a commander, thru channels, for the authority to employ a nuclear weapon.	
Nuc-FC-Msrs Ea-Sch-Mv	data structure	TBD	None	Nuclear Fire Control Measures for Each Scheme of Maneuver. Measures designed to facilitate engagement of targets and provide safeguards for friendly forces. Some examples could be boundaries or fire support coordination line.	
Nuc-PkgSubpkg-Descr	data structure	TBD	None	Nuclear Package/Subpackage Description. A description of the contents of a package or subpackage. It may include target data	

NAME	DATA	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					delivery systems, yields, and time frame.
Nuc-Res-Phys-Sec-Msrs					
	data structure	TBD		Nuclear Resource Physical Security Measures. Measures	
			None	taken or to be taken to protect nuclear weapons or systems in	
				storage or movement.	
Nuc-Sec-Reg					
	data structure	NWpns-Phys-Prot-Regims			
		Regs-NWpns-Destruction	None	Nuclear Security Regulations. Regulations that prescribe the	
				measures that are to be taken to protect nuclear weapons.	
Nuc-Support-Plan					
	alias: main name--Nuclear-Support-Plan			Nuclear Support Plan.	
Nuc-Sur-Del-Sys-Caps					
	alias: main name--Surf-Nuc-Del-Sys-Caps			Surface Nuclear Delivery Systems Capabilities.	
Nuc-Targeting-Info					
	data structure	Rel-Enemy-Tgt-Sets			
		Desired-Mod-to-Target-Behavior			
		Pri-List-Nuc-Tgt-Ea-Crs-Act			
		Tgts-D'nated-Nuc-Empl-Plan			
		Non-Nuc-FS-Concept	None	Nuclear Targeting Information. Information characteristic of	
				developing and attacking targets by nuclear weapons.	
Nuc-Tgt-Description					
	data structure	TBD	Nuc-Tgt-Descript	None	Nuclear Target Descriptions. Some ideal targets for nuclear
					weapons: 1) Nuclear delivery units and associated C2 and
					service support units; 2) regimental and higher echelon C2
					elements; 3) tank and motorized rifle units; 4) air defense

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Nuc-Tgt-Descript			alias; main name--Nuc-Tgt-Description		Nuclear Target Descriptions.
Nuc-Tgt-Obs'vbl-Params					
	data structure	TBD	None	None	Nuclear Target Observable Parameters. The observable characteristics of nuclear targets.
Nuc-Wpn-Restrike-Crit					
	data structure	TBD	None	None	Nuclear Weapon Restrike Criteria. The criteria established for restrike of a target with nuclear weapons.
Nuc-Wpns-Alk-Guid					
	data structure		Guid-Tgt-Dam-Delete-Crit-Rvis		
			Nuc-Wpn-Restrike-Crit		
			Alt-CCA-for-Nuc-Empl-Pln-P'frm		
			Nuc-Wpns-Attack-Guid	None	Nuclear Weapons Attack Guidance. Guidance provided by the commander on his plan for the use of nuclear weapons. He may include such things as delete criteria, restrike requirements, courses of action to be supported by nuclear weapons and guidance on target selection.
Nuc-Wpns-Attack-Guid			alias; main name--Nuc-Wpns-Alk-Guid		Nuclear Weapons Attack Guidance.
Nuc-Wpns-Commo-Prior					
	data structure	TBD	None	None	Nuclear Weapons Communications Priorities. A priority is established for the use of communications assets that have been designated to support nuclear weapons employment.
Nuc-Wpns-Empl-Doc					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	P'dures-NWpns-Destruction	None	None	Nuclear Weapons Logistics Support Plan. The plan that provides detailed information on how service support elements will support nuclear operations.	
Nuc-Wpns-Pack-Del-Means					
	data structure	TBD	None	Nuclear Weapons Package Delivery Means. Systems designated in a package to deliver nuclear weapons.	
Nuc-Wpns-Pack-Tgts					
	data structure	TBD	None	Nuclear Weapons Package Targets. Targets designated for attack by nuclear weapon are identified in a package.	
Nuc-Wpns-Pack-Yields					
	data structure	TBD	None	Nuclear Weapons Package Yields. Weapon yields available to attack the targets designated in a package.	
Nuc-Wpns-Sec-Doc					
	data structure	Doc-Sec-Nuc-Ref-Mat'l-Info			
		Doc-Prot-NWpns-Indicators			
		None	None	Nuclear Weapons Security Doctrine. Principles and procedures which govern the security of nuclear weapon resources.	
Nuc-Wpns-Targeting-Doc					
	alias; main name--Nuc-Wpns-Tgt-Doc				
				Nuclear Weapons Targeting Doctrine.	
Nuc-Wpns-Tgt-Doc					
	data structure	Doc-Empl-ReqAuth-P'dures			
		Doc-Integr-Nuc-Conv-Fires			
		Doc-Suitable-Nuc-Tgts			
		Doc-Nuc-FC-Msgs			
		Nuc-Wpns-Targeting-Doc		P'clns-Ord-Nuc-Tgt-Anal	
				Tgt-Ordr-Nuc-Tgt-Anal	

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Nuc-Wpns-Tgtng-Guid	data structure	TBD	None	Nuclear Weapons Targeting Guidance.	Guidance provided by the commander on targeting for nuclear weapons. It will include the types of targets and perhaps a priority based on the course of action.
Nuc-Yields-Auth-Empl	data structure	TBD	None	Nuclear Yields Authorized for Employment.	Weapon yields approved for use based on a specific request for a specific package.
Nuclear-Support-Plan	data structure				
		Conc-Nuc-Ops			
		Prior-Nuc-Fires			
		Unit-PNL			
		NASP-Locs			
		P'clns-Tp-Safety-Data			
		Nuc-Pkg-Subpkgs-Descr			
		NWpns-Destr-P'dures			
		Nuc-Support-Plan	None	Nuclear Support Plan.	An appendix to the fire support annex which details how a particular operation will be supported by nuclear weapons. It will contain package data, resupply and destruction information.
Num-type-Radios-Asgn	data structure	TBD	None	Number and Type of Radios Assigned.	The number and type by model number of radios assigned to a unit.
NW-Empl-Rqst-for-Empl-Com-Means	data structure				
		Type-Com-Means-Req-NW-Comms			

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
NW-Empl-Req-for-Empl-Com-Modes					
data structure		Type-Com-Modes-Req-Nuc-Em-Com Avail-Com-Modes-Spt-Nuc-Em-Op Pln-Aloc-Com-Modes-Spt-Nuc-Op			
		None	None	Nuclear Weapons Employment Requirements for the Emplacement of Communications Modes. Particular models of equipment used to support communications for nuclear weapons employment.	
NWpns-Acct-P'dures					
data structure	TBD	None	None	Nuclear Weapons Accountability Procedures. Methods used to maintain accountability of nuclear weapons by delivery units and ordinance support units.	
NWpns-Cmd-Disable-Regs					
data structure	TBD	None	None	Nuclear Weapons Command Disable Regulations. Regulations pertaining to the disablement of nuclear weapons to prevent their capture by the enemy.	
NWpns-Destr-P'dures					
data structure	TBD	None	None	Procedures for Nuclear Weapons Destruction. Procedures governing intentional destruction of nuclear weapons.	
NWpns-ED-Regs					
data structure	TBD	None	None	Nuclear Weapons Emergency Destruction Regulations. Regulations pertaining to the emergency destruction of nuclear weapons to prevent their capture by the enemy.	
NWpns-Emer-Action-Procedures					
data structure	TBD	None	None	Nuclear Weapons Emergency Action Procedures. Procedures of unified and specified commands for transmitting, receiving, and authenticating nuclear control orders.	
NWpns-Empl-IP-Commo-Elec-Anx					

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
NWpns-Empl-IP-to-Commo-Sys-Pln	data structure				
Meth-P'dures-for-NWpns-Empl-Co		None			
					Nuclear Weapons Employment Inputs to the Communications Electronics Annex. Nuclear weapons-related inputs which govern the operations of the communications system in support of nuclear weapons.
NWpns-Empl-IP-Commo-Sys-Plan					
alias: main name-NWpns-Empl-IP-to-Commo-Sys-Pln					
					Nuclear Weapons Employment Inputs to the Communications System Establishment Plan.
NWpns-Empl-IP-to-Commo-Sys-Pln	data structure				
NW-Empl-Req-for-Empl-Com-Means					
NW-Empl-Req-for-Empl-Com-Modes					
NWpns-Empl-IP-Commo-Sus-Plan					
		None			
					Nuclear Weapons Employment Inputs to the Communications System Establishment Plan. Nuclear weapons-related communications requirements which must be considered in establishing the communications system.
NWpns-Empl-Req-Empl-Commo-Mea					
data structure					
TBD		None			
					Nuclear Weapons Employment Requirements for the Empl'ement of Communications Means. Nuclear weapons-related requirements for communications means.
NWpns-Intell-Rqmts					
data structure					
TBD		None			
					Nuclear Weapons Intelligence Requirements. The subset of Priority Intelligence Requirements and Intelligence Requirements which support the effective employment of nuclear weapons.
NWpns-Phys-Prot-Rqmts					
data structure					
TBD		None			
					Nuclear Weapons Physical Protection Requirements. Regulatory requirements of the physical protection of nuclear

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
NWpns-Redistrib-Plan					weapons during transit or storage.
NWpns-Replenish-Plan	data structure	TBD	None	Nuclear Weapons Redistribution Plan. A plan to establish procedures for the redistribution of nuclear weapons among delivery units or between delivery units and supply points.	
NWpns-Replenish-P'dures					
NWpns-Sen-Coll-Tasks	data structure	TBD	None	Nuclear Weapons Stock Replenishment Procedures. Procedures to request and coordinate the replenishment of nuclear weapon stocks from higher headquarters ammunition assets.	
NWpns-Spt-COA-Smts				Nuclear Weapons Sensor Collection Tasks. Taskings to sensor system/units to develop nuclear weapon targets.	
NWpns-Spt-Mtr-Counteraxs	data structure	TBD	None	Nuclear Weapons Supported Course of Action Statements. States courses of action in which the employment of nuclear weapons is a critical component.	
NWpns-Storage-P'dures				Nuclear Weapons Storage Procedures. Established procedures which govern the storage of nuclear weapons in nuclear weapons storage areas and delivery units.	
NWpns-Trans-P'dures	data structure	TBD	None	Nuclear Weapons Storage Procedures. Established procedures which govern the storage of nuclear weapons in nuclear weapons storage areas and delivery units.	

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
O'lay-P'plus-Info	data structure	TBD	None	Nuclear Weapons Transportation Procedures.	Established procedures which govern the transportation of nuclear weapons by air or surface means.
Op-Avail-Commo-Means	alias; main name-Op-Avail-of-Commo-Means				
Op-Avail-Commo-Modes	data structure	TBD	None	Operational Availability of Communications Modes.	The availability of assigned communications modes to effectively perform their intended functions within the communications system.
Op-Avail-of-Commo-Means	data structure	TBD	Op-Avail-Commo-Means	Operational Availability of Communications Means.	The availability of assigned communications means to effectively perform their intended functions within the communications system.
Ops-Estimate	data structure				
Ord-Plan-Prep-Time	data structure				Operations Estimate. An estimate prepared by the G3 which analyzes all aspects of a proposed mission, and which is used to reach a decision on how a mission will be accomplished.
Time-Avail-Empl-Comms					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Ord-Unit-Locs	data structure	TBD	None	None	Order/Plan Preparation Time. The amount of time available or allocated for a headquarters to complete the preparation of an OPORD/PLAN.
Ord-Unit-Storage-Caps	data structure	TBD	None	None	Ordnance Unit Locations. Grid coordinate locations of supporting ordnance units.
Ord-Unit-Wpr-Status	data structure	TBD	None	None	Ordnance Unit Storage Capabilities. A statement of the total number of nuclear rounds, by type, which an ordnance unit can store.
Orders	data structure	TBD	None	None	Ordnance Unit Weapon Status. The status of the prescribed nuclear stockage to include the number, type, yield, and operational readiness the weapons.
Orders-Plans	data structure	TBD	None	None	Orders. Written or oral communications which direct an action.
Outcomes-of-Nuc-Emp-Tasks	data structure	Warning-Order STRIKEWARN-Msg Fire-Orders	None	None	Orders/Plans. Plans are methods or schemes developed to carryout a command decision or project. Orders are written or oral communications which direct an action. (eg the execution of a specific plan.)

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Changes-Nuc-Emp-Res	Changes	Nuc-Emp-Res	None	None	Outcomes of Nuclear Employment Tasks. The results of nuclear weapons target attack, target acquisition, and/or logistics tasks.
Outline-Ea-NW-Spt-COA	data structure	TBD	None	None	Outline of Each Nuclear Weapons-Supported Course of Action (COA). A brief description of each nuclear weapons-supported course of action considered by the staff.
Outline-Locs-Nuc-Ops	data structure	TBD	None	None	Outline of the Locations of Nuclear Operations. General information on the location of proposed nuclear operations.
Outline-Nature-Nuc-Ops	data structure	TBD	None	None	Outline of the Nature of Nuclear Operations. General information on the nature and extent of nuclear employment operations being planned.
Outline-Timing-Nuc-Ops	data structure	TBD	None	None	Outline of the Timing of Nuclear Operations. General information on critical times associated with proposed nuclear employment operations.
Proce-for-NWpns-Destruction	alias: main name--Procedures-NWpns-Destruction				Procedures for Nuclear Weapons Destruction.
Picks-Ord-Nuc-qt-Anal	data structure	TBD	None	None	Preclusion-Oriented Nuclear Target Analysis. This type of target analysis is used when detailed target information is not available.
Picks-Tip-Saletv-Data	data structure				

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Pdcedures-NWpns-Destruction	TBD	None		None	Preclusion and Troop Safety Data. Information regarding what damage is to be precluded and what troop safety issues must be considered during nuclear employment planning.
Pdcedures-NWpns-Destruction	TBD	Pcode-for-NWpns-Destruction		None	Procedures for Nuclear Weapons Destruction. The procedures to be followed by subordinate units for the destruction of nuclear weapons during a particular operation or campaign.
Prioritized List of Tgts-Each COA	TBD	None		None	Prioritized List of Targets for Each Course of Action. A prioritization of nuclear weapon targets for each course of action being considered by the staff.
Periodic-Sit-Rpts	TBD	None		None	Periodic Situation Reports. Situation reports whose submission is required periodically.
Periodic-Stat-Rpts	TBD	None		None	Periodic Status Reports. Status Reports whose submission is required periodically.
Pers-Spt-of-Each-CCA	TBD	None		None	Personnel Supportability of Each Course of Action. The supportability of a nuclear weapon-supported course of action from a personnel standpoint.
Pers-Strength-n-Repl's	TBD	None		None	Personnel Strengths and Replacements. Part of the staff estimate prepared by the G1. In it the impact of losses, as well as programmed replacements, are assessed in terms of the courses of actions proposed.

NAME	DATA	COMPOSITIONS	ALIASES	RELATED DATA	REMARKS
TYPE					
Personnel-Estimate	data structure				
	Curr-Sold-Pers-Readiness				
	Curr-Phys-Cbt-Stress				
	Pers-Strength-n-Rep's				
	None	None			Personnel Estimate. The G1's staff estimate which indicates which courses of action are supportable from the personnel standpoint and which is preferred.
Phys-Sec-Procedures-SAS-Rel-Mat	data structure				
	TBD	None	None		Physical Security Procedures for SAS-Related Materials. The procedures to be followed by subordinate units for the physical security of sealed authentication system (SAS) materials.
Phys-Sec-Pr'dur-NW-Rel-Inf-Etc	alias: main name-PSec-Pro-NWpns-Rel-Info-Comm				
					Physical Security Procedures for Nuclear Weapons-Related Information and Communications Materials.
Phys-Sec-Req's-TransStor-SAS-Mtl	data structure				
	TBD	None	None		Physical Security Requirements for Transport and Storage of SAS-Related Materials. Doctrinal and regulatory safeguard requirements for the transport and storage of sealed authentication system materials.
Plan'g-Prior-Nuc-Fires	data structure				
	TBD	None	None		Planning Priority for Nuclear Fires. The assignment of a priority of nuclear fires to subordinate units for planning purposes.
Plan-Empl-COMSEC-Mats	data structure				
	TBD	None	None		Plan for Emplacement of COMSEC Materials. The plan which specifies where communications security devices and materials will be placed within the force's various command and control nodes.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Plan-Empl-EA-Malls	data structure	TBD	None	None	Plan for Emplacement of Emergency Action Materials. The plan which specifies where EMAS/NRAS and SAS-related materials will be placed within the force's various command and control nodes.
Plan-Estab-EA-Network	data structure	TBD	None	None	Plan for Establishment of the Emergency Action Network. The plan which assigns stations on the emergency action network based on the nuclear employment processes performed by the stations.
Plan-for-Empla-Commo-Means	data structure	TBD	None	None	Plan for the Emplacement of Communications Means. The portion of the communications plan which specifies the location of the various communications means. (Radio, messenger,etc)
Plan-for-Empla-Commo-Modes	data structure	TBD	None	None	Plan for Emplacement of Communications Modes. The portion of the communications which specifies the locations of the various communications modes. (VHF, FM, AM, etc)
Plan-Prep-Time	data structure	TBD	None	None	Order/Plan Preparation Time. The time allocated for the preparations of the force order or plan.
Planning-Guid	data structure	Cdr's-Init-Planning-Guid Cdr's-Suppl-Planning-Guid	None	None	Planning Guidance. Guidance provided to the staff by the commander during the planning process, usually after accomplishment of mission analysis and again upon announcement of the commander's decision and concept.

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Planning-Shortfalls	data structure				
		Impact-of-Vari-on-Msn-Acplsmnt			
		Id'd-Cypr-to-Exploit-Success			
		Dec-to-Init-Chng-Thru-Repian			
		S'talls-in-Ass'tmt-of-Sit			
		S'talls-in-Direct-Ops			
		S'talls-in-D'mnn-Actions			
		None	None		Planning Shortfalls. Variances between the actual situation and the desired situation which can be reduced or eliminated through additional planning.
Planning-Time	data structure				
		TBD	None		Planning Time. Time required for a commander and his staff to develop and prepare a plan, and to make preparations for accomplishment of a mission.
Planning-Time-Schedule	data structure				
		TBD	None		Planning Time Schedule. A schedule of planning time which schedules available time into order/plan preparation time, rehearsal time, subordinate unit planning time, and subordinate unit preparation time.
Plans	data structure				
		TBD	None		Plans. Written directives which specify "how" a mission will be accomplished.
Pln-Aloc-Cmn-Means-Spt-Nuc-Op	data structure				
		TBD	None		Plan for Allocation of Communications Means to Support Nuclear Employment Operations. The communications plan which specifies which communications means (Radio, Message) are available or dedicated in support of nuclear employment.
Pln-Aloc-Cmn-Modes-Spt-Nuc-Op	data structure				
		TBD	None		Plan for Allocation of Communication Modes to Support

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Potential-Enemy-Tgts					Potential Enemy Nuclear Courses of Action.
alias: main name--Pot-Enmy-Nuc-Tgts					
Pose-Nuc-Pack-Subpack					Potential Enemy Nuclear Targets.
alias: main name--Ppse-Nuc-Pack-Subpack					
Pose-Nuc-Pack-Subpack					Proposed Nuclear Package/Subpackage.
Pose-Nuc-Pack-Subpack	data structure	O'lay-F'clus-Info Ad'g-Wpn-Aimpts Ad'r'd-Wpn-Yields		Ppose-Nuc-Pack-Subpack	Proposed Nuclear Package/Subpackage. A nuclear weapons package or subpackage developed by target analysis which on the basis of targeting and commander's guidance requirements.
Precipitation				None	
Precipitation	data structure	TBD	None	None	Precipitation. Rain, snow, sleet, etc.
Preinit-Avoid-P'dures					
Preinit-Avoid-P'dures	data structure	TBD	None	None	Preinitiation Avoidance Procedures. Procedures followed by fire support and target analysis to prevent a nuclear weapon from causing the preinitiation of another.
Prescr-Nuc-Stockage					
Prescr-Nuc-Stockage	data structure	TBD	None	None	Prescribed Nuclear Stockage. A specific quantity of various nuclear ammunition items to be stocked in a nuclear ammunition service support unit or installation.
Pri-List-Nuc-Tgt-Ea-Crs-Act					
Pri-List-Nuc-Tgt-Ea-Crs-Act	data structure				
				Rel-Crit-of-Nuc-Tgts	
				Rel-Tot-Development-Means	

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Rel-Tgt-Alk-Rqmts	None	None	None	Prioritized Listing of Nuclear Targets for Each Course of Action. A list associated with each course of action which identifies targets for nuclear attack and specifies the priority assigned each target.	
Prim-Tgt-El-Nuc-Tgts	TBD	None	None	Primary Target Elements for Nuclear Targets. The primary elements which compose a nuclear target.	
Prior-Nuc-Fires	data structure	TBD	None	Priority of Nuclear Fires. An assignment of a priority to subordinate headquarters for nuclear fire support based upon the missions of those subordinate headquarters.	
Proj-Enmy-Activities	data structure	TBD	None	Projected Enemy Activities. Enemy force activities at some future time. Achieved through staff level wargaming and/or intelligence preparation of the battlefield (IPB).	
Proj-Enmy-Locs	data structure	TBD	None	Projected Enemy Locations. An estimate of enemy force locations at some future time. Achieved through staff level wargaming and/or IPB.	
Proj-Fri-Sit	data structure	TBD	None	Projected Friendly Situation. An estimate of the locations and activities of the enemy force at some future time. Achieved through staff level wargaming and/or IPB.	

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					activities of friendly forces at some future time. Achieved through staff level wargaming and/or IPB.
Prot-Msts-Fmts	data structure	TBD	None	None	Protective Measure Requirements. Specific protective measures to be taken by friendly units which may be affected by friendly nuclear detonation.
PSec-Pro-NWpns-Rel-Info-Commo	data structure	TBD	Phys-Sec-P'dur-NW-Rel-Inf-Etc	None	Physical Security Procedures for Nuclear Weapons-Related Information and Communications Materials. A set of rules and procedures which govern the storage and use of communications codes, keys, formats related to the employment of nuclear weapons
Purge-NW-Dup-fr-PkgSubpkg	data structure	TBD	None	None	Purge of Nuclear Weapons Duplications from Packages/Subpackages. To eliminate duplication of effects from planned corps fires or subordinate headquarters' subpackages.
R'cmd-Del-Unit-PNL	data structure	TBD	None	None	Recommended Delivery Unit Prescribed Nuclear Load. A specified quantity and type of nuclear weapons to be carried by a delivery unit. The establishment and replenishment of this load after each expenditure is a command decision and is dependent upon the tactical and logistical situation, as well as capability of the unit to transport the load.
R'cmd-NASP-Location	data structure	TBD	R'cmd-NASP-Locations	None	Recommended Nuclear Ammunition Supply Point (NASP) Locations. A staff recommendation on where NASP should be located to best support nuclear employment operations.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Rcmd-NASP-Locations					
			alias: main name--R'cmd-NASP-Location		Recommended NASP Locations.
Rcmd-NWprs-Resupply-Plan					
	data structure	NWprs-Redistrib-Plan			
		NWprs-F-replenish-P'dures			
		None	No:ie		Recommended Nuclear Weapons Resupply Plan. A staff-developed plan which specifies the procedures for the delivery of nuclear weapons to the force and for the supply and resupply of weapons to delivery units.
Rcmd-Ord-Unit-PNS					
	data structure				
	TBD	None	None		Recommended Ordnance Unit Prescribed Nuclear Storage (PNS). A staff recommendation on the quantity and type of nuclear weapons to be carried and maintained by supporting ordnance units.
Record-Detonation-Data					
	alias: main name--Nuclear-Detonation-Data				Record of Detonation Data.
Record-Imp-Nuc-Log-Tasks					
	data structure				
	TBD	Record-Imp-Nuc-Log-Task			Record of Implied Nuclear Logistics Tasks. A listing of tasks not specifically mentioned in the order or plan, which relate to nuclear weapons associated logistics.
Record-Imp-Nuc-Tgt-Acq-Tasks					
	data structure				
	TBD	Record-Imp-Nuc-Tgt-Acq-Task			Record of Implied Nuclear Target Acquisition Tasks. A listing of tasks, not specifically mentioned in the order or plan, which relate to nuclear weapons associated target acquisition.
Record-Imp-Nuc-Tgt-Alk-Tasks					

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
data structure					
TBD	None			Record of Implied Nuclear Target Attack Tasks. A listing of tasks, not specifically mentioned in the order or plan, which relate to nuclear weapons associated target attack.	
R'cord-Impl-Nuc-Empl-Tasks	alias: main name--R'cord-of-Impl-Nuc-Empl-Tasks			Record of Implied Nuclear Employment Tasks.	
R'cord-of-Impl-Nuc-Empl-Tasks	data structure	Implied-Nuc-Log-Tasks Implied-Nuc-Tqt-Acq-Tasks Implied-Nuc-Tqt-Aik-Tasks		R'cord-Impl-Nuc-Empl-Tasks	Record of Implied Nuclear Employment Tasks. A listing of tasks, not specifically mentioned in the order or plan, which must be accomplished to successfully conduct nuclear employment operations.
R'cord-of-Spec-Nuc-Empl-Tasks	data structure			Specified-Nuc-Log-Task Specified-Nuc-Tqt-Acq-Tasks Specified-Nuc-Tqt-Aik-Tasks R'cord-Spec-Nuc-Log-Tasks R'cord-Spec-Nuc-Tqt-Acq-Tasks R'cord-Spec-Nuc-Tqt-Aik-Tasks	Record of Specified Nuclear Employment Tasks. A listing of tasks, specifically addressed in the OPLAN/OPORD, which must be accomplished to successfully conduct nuclear employment.
R'cord-Spec-Nuc-Log-Tasks	data structure	TBD	None		Record of Specified Nuclear Logistics Tasks. A listing of tasks, specifically addressed in the OPLAN/OPORD, which relate to nuclear weapons-associated logistics.
R'cord-Spec-Nuc-Tqt-Acq-Tasks					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
data structure					
	TBD	Rec-Spec-Nuc-Tgt-Acq-Tasks	None	Record of Specified Nuclear Target Acquisition Tasks. A listing of tasks, specifically addressed in the OPLAN/OPORD, which relate to nuclear weapons-associated target acquisition activities.	
Record-Spec-Nuc-Tgt-Atk-Tasks		Rec-Spec-Nuc-Tgt-Atk-Tasks	None	Record of Specified Nuclear Target Attack Tasks. A listing of tasks, specifically addressed in the OPLAN/OPORD, which relate to nuclear weapons target attack.	
Restrict-on-Empl-NWpns			alias; main name--Restrict-on-Empl-NWpns		Restrictions on the Employment of Nuclear Weapons.
Restrict-on-Empl-NWpns			data structure	Geo-Restrict-Empl-Nuc-Wpns Yield-Restrict-Empl-Nuc-Wpns FO-Restrict-Empl-Nuc-Wpns	Restrictions on the Employment of Nuclear Weapons.
				Restrict-on-Empl-NWpns	None
					Limitations placed on the force that prohibit the force from certain tasks or activities in the employment of nuclear weapons.

NAME	DATA	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Record-AdvDisadv-Ea-NW-Spt-COA					
data structure	TBD	None		Record of Advantages and Disadvantages of Each Nuclear Weapons-Supported Course of Action (COA).	
Record-Impl-Nuc-Log-Task					
				Record of Implied Nuclear Logistics Tasks.	
alias: main name--Record-Impl-Nuc-Tgt-Acq-Tasks					
Record-Impl-Nuc-Tgt-Acq-Tasks					
				Record of Implied Nuclear Target Acquisition Tasks.	
Record-Nuc-Emp-Asumpt					
data structure	TBD	None		Record of Nuclear Employment Assumptions. A listing of the assumptions made in the development of a nuclear weapons employment concept.	
Record-Spec-Nuc-Tgt-Acq-Tasks					
				Record of the Specified Nuclear Target Acquisition Tasks.	
alias: main name--Record-Spec-Nuc-Tgt-Acq-Tasks					
Record-Spec-Nuc-Tgt-Atk-Tasks					
				Record of Specified Nuclear Target Attack Tasks.	
Recpts-Designd-Rpts-Dir-Regs					
data structure	TBD	None		Recipients Designated for Reports, Directives, and/or Requests. The designation of a recipient on a report, directive, or request.	
Refugee-Status					
data structure	TBD	None		Refugee Status. Information on the location, numbers, and movements of refugees in the area of operations.	
Regs-NWpns-Destruction					
data structure	NWpns-Cmd-Disable-Regs				

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
NWpns-ED-Req	None	NWpns	None	None	Regulations on Nuclear Weapons Destruction. A set of procedures or standing order which specify the actions which must be taken in order to destroy nuclear weapons.
Regs-on-Damage-NonMil-Res	TBD	None	None	Regulations on Damage to Nonmilitary Resources. A set of procedures or standing orders which establish the general policy governing collateral damage of nonmilitary resources.	
Regs-on-Fallout-Preci	TBD	None	None	Regulations on Fallout Preciusion. A set of procedures or standing orders describing the actions which govern the creation or limitation of fallout.	
Regulations	data structure	Nuc-Sec-Reg Nuc-Wpnns-Empl-Regs	None	None	Regulations. Rules and/or procedures.
Rehearsal-Time	data structure	TBD	None	None	Rehearsal Time. The time required for rehearsal of a nuclear weapons employment-related task.
Rel'vnt-Enmy-Tgt-Sets	data structure	TBD	Rlvnt-Enemy-Tots-Tgt-Sets	Rel-Enmy-Tgt-Sets	Relevant Enemy Targets/Target Sets. Those enemy means which can interfere with projected friendly operations.
Rel-Crit-of-Nuc-Tgts	data structure	TBD	None	None	Relative Criticality of Nuclear Targets. The relative ability of enemy targets based on their capability and location to hinder friendly mission accomplishment.

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Rel-Enmy-Tgt-Sets					
		alias: main name - Relvnt-Enmy-Tgt-Sets			Relevant Enemy Targets/Target Sets.
Rel-Tgt-Atk-Rqmts					
	data structure	TBD	None	Relative Target Attack Requirements. A comparison of the relative difficulty of achieving the required damage on enemy targets.	
Rel-Tgt-Development-Means					
	alias: main name - Rel-Tgt-Development-Rqmts			Relevant Target Development Means.	
Rel-Tgt-Development-Rqmts					
	data structure	TBD	None	Relative Target Development Requirements. A comparison of the relative ease/difficulty of developing various nuclear targets.	
Replanning-Requirements					
	data structure	Req-to-Reassess-Nuc-Empl-Sit Van-B'ween-Act-Des-Nuc-Eff Planning-Shortfalls Req-Redf'm-Nuc-Empl-C'pt Req-Redf'ct-Nuc-Empl-Ops	None	Replanning Requirements. Requirements to replan nuclear employment operations based upon an analyzed need to change the battlefield situation.	
Reports-Requests					
	data structure	Status-Reports Sit-Rpts-Requests	None	Reports/Requests. Reports are formatted compilations of data of various kinds which are used to provide information. Requests are statements of need to support accomplishment of	

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Req-Civ-Pop-Status	data structure	TBD		None	Requests for Civilian Population Status. Data needed which defines the location, size, and movements of civil population centers. Used to support preclusion targeting.
Req-Cur-Proj-Fri-Sit-Upd	data structure				
		Req-Fri-Unit-Curr-Locs			
		Req-Fri-Unit-Proj-Loc			
		Req-Fri-Unit-Curr-Activities			
		Req-Fri-Unit-Proj-Activities			
		Req-Civ-Pop-Status			
Req-Curr-Proj-Fri-Sit-Upd	data structure			None	Requests for Current and Projected Friendly Situation Update. Data required to assess friendly unit location and activity and to anticipate locations and activity at a later time.
Req-Curr-Proj-En-Sit-Upd	data structure				
		Req-Enmy-Curr-Locs			
		Req-Enmy-Curr-Activities			
		Req-Enmy-Proj-Locs			
		Req-Enmy-Proj-Activities			
		Req-Terr-Weather-Data			
		None			
Req-Curr-Proj-Fri-Sit-Upd	alias: main name--Req-Cur-Proj-Fri-Sit-Upd				
Req-Encoded-for-Trans	data structure	TBD	None	None	Request Encoded for Transmission. Request to be sent to external headquarters which have had the information

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Req-Enmy-Curr-Activities	data structure	TBD	None	None	Requests for Enemy Current Activities. Data required to determine the present activity of enemy forces.
Req-Enmy-Curr-Locs	data structure	TBD	None	None	Requests for Enemy Current Locations. Data required to determine the present location of enemy forces.
Req-Enmy-Proj-Activities	data structure	TBD	None	None	Requests for Enemy Projected Activities. Data required to estimate the activity of enemy forces at some later time.
Req-Enmy-Proj-Locs	data structure	TBD	None	None	Requests for Enemy Projected Locations. Data required to estimate the location of the enemy forces at some later time.
Req-for-Air-Spt	data structure	TBD	None	None	Requests for Air Support. Requests from a force headquarters to supporting air delivery units for the delivery of nuclear weapons.
Req-for-Del-Spt	data structure	TBD	None	None	Requests for Delivery Support. Requests to air or surface delivery units for the delivery of nuclear weapons.
Req-for-Info-Support	data structure				Requests-for-Info-Support

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Req-for-Sen-Spt	data structure	TBD	None	None	Requests for Information/Support.
Req-Fri-Curr-Locs	alias: main name--Req-Fri-Unit-Curr-Locs				Request for Friendly Unit Current Locations.
Req-Fri-Forces-Stat-Upd	data structure				Request for Friendly Forces Status Update. Data required to determine the condition and readiness of friendly forces.
Req-Fri-Unit-Curr-Activities	data structure	TBD	None	None	Requests for Friendly Unit Current Activities. Data required to determine the present activities of friendly forces.
Req-Fri-Unit-Curr-Locs	data structure	TBD	Req-Fri-Curr-Locs	None	Requests for Friendly Unit Current Locations. Data required to determine the present locations of friendly forces.
Req-Fri-Unit-Eqcmt-Status	data structure	TBD	None	None	Requests for Friendly Unit Equipment Status. Data required to determine the condition and readiness of friendly unit equipment.
Req-Fri-Unit-Pers-Status					

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
data structure					
T3D	None				Requirement for Friendly Unit Personnel Status. Data required to determine the personnel readiness of friendly units.
Req-Fri-Unit-Proj-Activities	data structure				
TBD	None				Request for Friendly Unit Projected Activities. Data required to determine the activities of a friendly unit at some later time.
Req-Fri-Unit-Proj-Loc	data structure				
TBD	None				Requests for Friendly Unit Projected Locations. Data required to determine friendly unit location at some later time.
Req-Fri-Unit-Supply-Status	data structure				
TBD	None				Request for Friendly Unit Supply Status. Data required to determine the supply condition of friendly units.
Req-Reassess-Nuc-Empl-Sit					Requirement to Reassess the Nuclear Employment Situation
alias: main name-Req-to-Reassess-Nuc-Empl-Sit					
Req-Redrct-Nuc-Empl-Ops	data structure				
					Requirement to Redirect Nuclear Employment Operations. Required changes to the situation which can be effected through a redirection of nuclear employment operations.
Req-Redfrm-Nuc-Empl-Capt	data structure				
Rgmt-to-Reform-Est					
Rgmt-to-Regt					
Rgmt-to-RVU-COA-Dec					
Rgmt-to-Rvise-Suppl-Plan-Guid					
None	None				Requirement to Redetermine the Nuclear Environment

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Req-Redev-Nuc-Pkg-Suobjg	data structure	Req-Redirm-Tgt-Aimpts	None	Requirement to Redevlop Nuclear Package/Subpackage.	Concept. Required changes to the situation which must be effected through a redetermination of the concept of nuclear employment.
Req-Redev-Nuc-Pkg-Suobjg	data structure	Req-Redirm-Tgt-Aimpts	None	Requirement to Redevlop Nuclear Package/Subpackage.	Change to the situation which can be effected through redevelopment or modification to a nuclear weapons package/subpackage.
Req-Redrm-Tgt-Aimpts	data structure	TBD	None	Requirement to Redetermine Target Aimpoints.	
Req-Revise-Init-Plan-Guid	data structure	TBD	Req-to-Revise-Init-Plan-Guid Rqmt-to-Revise-Init-Plan-Guid	Requirement to Revise Initial Planning Guidance.	Change to the situation which must be effected beginning at a revision to initial planning guidance given.
Req-Routed-for-Trans					
Req-Rtd-for-Tmsn					
Req-Sit-Upd	data structure				
Req-Stat-Upd					

DNA DATA DICTIONARY

NAME	DATA	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	TYPE				
Req-Fri-Forces-Stat-Upd	data structure	None	None	Req-Fri-Forces-Stat-Upd	Requests for Status Update. Data required to determine the condition and readiness of a unit.
Req-Terr-Weather-Data	data structure	TBD	None	Req-Terr-Weather-Data	Requests for Terrain and Weather Data. Data required to determine conditions of terrain or weather which may affect nuclear employment operations.
Req-to-Reanal-Msn	data structure	TBD	None	Req-to-Reanal-Msn	Requirement to Reanalyze Mission. Change to the situation which must be effected beginning at a reanalysis at the mission.
Req-to-Reassess-Nuc-Empl-Sit	data structure	Req-Revise-Init-Plan-Guid	Req-to-Reanal-Msn	Req-Reassess-Nuc-Empl-Sit	Requirement to Reassess the Nuclear Employment Situation. Required changes to the situation which must be effected through a reassessment of the nuclear employment situation.
Req-to-Recond-Nuc-Ops	alias: main name-Reqmt-to-Recond-Nuc-Ops			Req-to-Recond-Nuc-Ops	Requirement to Recoordinate Nuclear Operations.
Req-to-Redirct-Nuc-Empl-Ops	data structure	Rqmt-to-Redev-Nuc-Pack-Subpack			
		Rqmt-to-Recond-Nuc-Ops			
Req-to-Revise-Init-Plan-Guid	alias: main name-Req-Revise-Init-Plan-Guid		None	Req-to-Revise-Init-Plan-Guid	Requirement to Redirect Nuclear Employment Operations.
					Requirement to Revise Initial Planning Guidance.

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Req-F'rmatted-for-T'msn	data structure	Req-Encoded-for-Trans Encoded-Regs-Sec-Class-Affixed Enc-Reg-Sec-Cl-Aff-Prec-Asgnd Enc-Req-SCI-DTG-Aff-Prec-Asgnd			
Req-Rtd-for-T'msn	data structure	TBD	Req-Rtd-for-T'msn Req-Routed-for-Trans	None	Requests Routed for Transmission. Requests which have been placed in the proper format for transmittal to external headquarters.
Requests-for-Info-Support	alias: main name--Req-for-Info-Support				Requests which have been properly addressed.
Requests-for-Sit-Update	data structure		Req-Cur-Proj-Fri-Sit-Upd Req-Curr-Proj-Er-Sit-Upd	None	Requests for Information/Support.
Requests-for-Status-Update	data structure		Req-Fri-Forces-Stat-Upd	None	Requests for Situation Update.
Required-Tgt-Damage	data structure	TBD	None	None	Required Target Damage. The damage to a target which must be achieved if the desired modification to its activities is to be realized.
Restated-Mission					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
data structure					
Essential-Nuc-Lmpl-Tasks					
None	None				Restated Mission. The commander's restatement of the organizational mission.
Restr-NW-Emp-C:sd-Dur-Plang					
data structure	TBD	None			Restrictions on Nuclear Weapons Employment to be Considered during Planning. Those restrictions to nuclear employment which the commander desires to be considered during course of action analysis.
Retr'd_Info					
data store	TBD	None			Retrieved Information. Information extracted from an information base for the purpose of using or distributing it.
Rev-COA-PkgSubpkg-Conf					
data structure	TBD	None			Review of Course of Action (COA) Package/Subpackage Conformity. A determination by the commander that developed nuclear weapons packages/subpackages support primary and alternative courses of action.
Rev-Info-Stored-Info-Base					
data structure	TBD	None			Review of Information Stored in the Information Base. A determination by members of the staff of the relevance and currency of stored information.
Rev-PkgSubpkg-Contents					
data structure	TBD	None			Review of Package/Subpackage Contents. A determination by the commander that a developed package/subpackages contains the number and type weapons and conforms to preclusion measures as specified in guidance.
Rev-Ppse-PkgSub-Pcl-Tsaf-Comp					
data structure	TBD	None			Review of Proposed Package/Subpackage for Preclusion

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Review-Outst-Req-for-Info	data structure	TBD	None	Review of Outstanding Requests for Information. A review of what information is required for planning by nuclear employment processors.	
Risk-Fri-Forces	data structure	Fri-Unit-Pilot-Levels	None	Risk to Friendly Forces. An assessment to the degree to which friendly forces are expected to be affected by a friendly nuclear weapons attack.	
Rlvt-Enemy-Tqts-Tgt-Sets	alias; main name--Relvnt-Emny-Tgt-Sets	TBD		Relevant Enemy Targets/Target Sets. Those enemy means which can interfere with projected friendly operations.	
Rpts-Dir-Prep-for-Trans	data structure	TBD	None	Reports and Directives Prepared for Transmission. Reports and orders which have been formatted and are ready for transmission.	
Rpts-Encoded-for-Trans	data structure	TBD	None	Reports Encoded for Transmission. Reports which have been formatted and encoded as required prior to transmission.	
Rpts-F'matted-for-T'msn	data structure				
				Rpts-Encoded-for-Trans	
				Enc-Rpts-Sec-CI-Affixed	
				Enc-Rpts-Sec-CI-Aff-Prec-Asrnd	
				Enc-Rpt-SCLDTG-Aff-Prec-Asrnd	
				None	Reports Formatted for Transmission. Reports which have

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Rpls-Req-Dir-P'pared-for-T'msn	data structure	Req-F'matted-for-T'msn Dir-F'matted-for-T'msn Rpls-F'matted-for-T'msn Rpls-Rid-for-T'msn Dir-Rid-for-T'msn Req-Rid-for-T'msn		None	Reports, Requests, and Directives Prepared for Transmission. Reports which have been placed in the proper format for transmittal to external headquarters.
Rpls-Routed-for-Trans	alias; main name--Rpls-Rid-for-T'msn				Reports Routed for Transmission.
Rpls-Rid-for-T'msn	data structure	Keyed-Rpls-Dir-Req Recips-Desgrnd-Rpls-Dir-Req Rpls-Routed-for-Trans		None	Reports Routed for Transmission. Reports which have been addressed for transmission to external agencies.
Rqmt-to-R'vu-COA-Dec	data structure	TBD	None		Requirement to Review Course of Action Decision. Required changes to the situation which must be effected through a review of the original course of action decision.
Rqmt-to-Reanal-Mission	data structure	TBD	None		Requirement to Reanalyze Mission. Required changes to the situation which must be effected through a reanalysis of the mission.
Rqmt-to-Recond-Nuc-Ops					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
data structure	TBD	None		Requirement to Recoordinate Nuclear Operations. Required changes to the situation which can be effected by recoordinating nuclear operations.	
Rqmt-to-Redev-Nuc-Pack-Subpack					
data structure	TBD	None		Requirement to Redevelop Nuclear Package/Subpackage. Required changes to the situation which can be effected by redeveloping nuclear weapons packages/subpackages.	
Rqmt-to-Reform-Est					
data structure	TBD	None		Requirement to Reformulate Estimate. Required changes to the situation which must be effected through a reformulation of commander/staff estimates.	
Rqmt-to-Retgt					
data structure				Requirement to Retarget. Required changes to the situation which must be effected through a retargeting effort.	
Rqmt-to-Revise-Suppl-Plan-Guid					
data structure	TBD	None		Requirement to Revise Supplementary Planning Guidance. Required changes to the situation which must be effected by revising the commander's supplementary planning guidance.	
Rqmt-to-Revise-Init-Plan-Guid					
alias: Rev-Revise-Init-Plan-Guid				Requirement to Revise Initial Planning Guidance.	
Rqmts-Minc-Nuc-Wpn-Reserves					
data structure	TBD	None		Requirements for the Maintenance of Nuclear Weapons	
				Constraints placed on the force requiring it to maintain a given number of nuclear weapons in reserve stocks.	
Stdard-Commo-Rec-Rpt					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
data structure					
	TBD	None	None	Standard Communications Records and Reports Procedures.	Standardized procedures for recording and reporting communication activities and traffic.
S'falls-in-Assmnt-of Sit					
	TBD	None	None	S'falls in Assessment of the Situation.	Shortcoming in the assessment of the situation which caused an unacceptable variance between the actual and desired results of nuclear employment.
S'falls-in-Dtrmn-Actions					
	TBD	None	None	S'falls in Determining Actions.	Shortfalls in determining the concept of nuclear operations which caused an unacceptable variance between the actual and desired results of nuclear employment.
S'falls-in-Direct-Ops					
	TBD	None	None	S'falls in Directing Operations.	Shortfalls in directing nuclear employment operations which caused an unacceptable variance between the actual and desired results of nuclear employment.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Schedule-of-Nuc-Fires	data structure				
	data structure	Heights-of-Burst			
		Tgt-Locations			
		Times-on-Tgt			
		Wpns-to-be-Empl			
		Unit-to-Fire	None	None	Schedule of Nuclear Fires. Nuclear weapons employed in a defined sequence, according to a definite program.
Sen-Proc-Time-Frames	data structure				
	data structure	TBD	None	None	Sensor Processing Time Frames. A factor in the overall acquisition system timeliness assessment. It is the time required to convert the raw sensor data into a usable data.
Sensor-Acq-Caps	data structure				
	data structure	TBD	None	None	Sensor Acquisition Capabilities. Factors associated with the inherent capabilities of sensor systems. They include items such as range, duration, mobility, etc.
Sensor-Doctrine	data structure				
	data structure	Sensor-Acq-Caps			
		Sen-Proc-Time-Frames			
		Sensor-Tasking-Res-Times	None	None	Sensor Doctrine. General guidance provided for the employment of sensors used in target development.
Sensor-Sys-Stat	data structure				
	data structure	TBD	None	None	Sensor System Status. Information concerning the availability and mission readiness of sensor systems.
Sensor-Tasking-Res-Times	data structure				
	data structure	TBD	None	None	Sensor Tasking Response Times. The time elapsed between selection of a sensor and the time it begins to develop targets.

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Sensors-Avail-for-Tasking	data structure	Sensor-Sys-Stat			
		Cur-Proj-Sen-Sys-Locs			
		None	None		
					Sensors Available for Tasking. A list of the sensors which can be committed to develop nuclear targets.
Sensors-D'nated-Dev-Nuc-Tgts	data structure	Match-Avail-Sen-Tgt			
		Id'd-Rgmt-Addl-Sen-Spt			
		None	None		Sensors Designated for the Development of Nuclear Targets.
					The sensor(s) identified through the planning process as being available and capable of developing a specific target.
Sig-Unit-Stat-Rep	data structure	TBD	None		
					Signal Unit Status Reports. Information summarizing mission readiness of the signal units supporting a force.
Signal-Coord-Instr	data structure	TBD	None		
					Signal Coordinating Instructions. Orders issued for the technical control and coordination of the signal communications activities.
Sit-RepS	data structure	Host-Nation-Rpts			
		Adl-Hq-Sit-Rpts			
		Exl-Sit-Rpts			
		Mvr-Unit-Sit-Rpts			
		Nuc-Del-Sit-Rpts			
		Sub-Del-Unit-Sit-Rpt			
		Sub-Mvr-Unit-Sit-Rpt			
		Tgt-Acq-Unit-Sit-Rpts			
		Periodic-Sit-Rpts			
		As-Reqd-Sit-Rpts			
		Sit-Rpts			Assessment-of-Situation

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Sit-Rpts	alias: main name--Sit-Rep				Situation Reports.
Sit-Rpts-Requests					
	data structure				
		Sit-Rpts			
		Req-for-Info-Support			
			None	None	Situation Reports/Requests. Information critical to the control of ongoing combat operations. Reports are submitted periodically or are event triggered. Information requests are transmitted by the commander or staff in order to clarify a situation.
Situation-Status-Reports					
	data structure				
		Status-Reports			
			Sit-Rep	None	Situation and Status Reports. Reports addressed in the unit SOP which provide a summary of the unit's activities (i.e. situation) or its condition in terms of general equipment and personnel readiness (i.e. status).
SOPs					
	data structure				
		Tac-SOP-on-Commo			
		Tac-SOP-Rpts			
		Tac-SOP-Warn-Msgs			
		Tac-SOP-Nuc-Wpns-Empl			
		Tac-SOP-on-Plan-Ord-Devel			
		Tac-SOP-OPSEC		None	Standing Operating Procedures. A unit directive which standardizes procedures throughout an organization to insure continuity of operations and preclude entering common things into an

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED	REMARKS
				DATA	
					operations plan. It promotes teamwork, efficiency and reduced the need for repetitive instructions.
Spec-Acc-Risk-Fri-Forces					
data structure	TBD	None		Specification of Acceptable Risk to Friendly Forces. A statement by the commander of the degree of risk he is willing to accept in conjunction with a nuclear attack. The risk translates into the exposure of soldiers to nuclear weapons effects.	
Spec-Nuc-Empl-Tasks					
data structure	TBD	None		Specified Nuclear Employment Tasks. The tasks which are discretely addressed in the nuclear attack execution order/plan.	
Specified-Nuc-Log-Task					
data structure	TBD	None		Specified Nuclear Logistics Tasks. Nuclear weapons logistics tasks which are discretely addressed in an order/plan.	
Specified-Nuc-Tgt-Acq-Tasks					
data structure	TBD	None		Specified Nuclear Target Acquisition Tasks. Nuclear weapons target acquisition tasks which are discretely addressed in an order/plan.	
Specified-Nuc-Tgt-Atk-Tasks					
data structure	TBD	None		Specified Nuclear Target Attack Tasks. The nuclear target attack tasks which are directly addressed in an order/plan.	
Staff-Agreement-Preferred-COA					
data structure	IntraStaff-Comp-COA	None			
				Staff Agreement on the Preferred Course of Action. In the planning process, it is the point where the various members of the staff reach a consensus that one COA members of the staff reach a consensus that one CCA is superior to the others.	

DNA DATA DICTIONARY

NAME:	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Staff-Estimate	data structure	TBD	None		Staff Estimate. See the definition of CDR-Staff-Estimates. A collection by each staff member, of facts, events, conclusions, and recommendations on how the resources available to the unit can best be utilized to accomplish the assigned mission in terms of the specific area of staff responsibility.
Staff-Nuc-COA-R'mendation	data structure				
		Stt-Prior-of-NWpns-Spl-COA			
		Staff-Agreement-P'referred-COA			
		Outline-Ea-NW-Spl-COA			
		Staff-Nuc-Crs-Action-Rec'md			
		Staff-Nuc-Crs-Rec'md			
		Stt-Nuc-COA-R'mendation	None		Staff Nuclear Course of Action Recommendation. A recommendation based on a consensus reached by members of the staff regarding the best nuclear weapons-supported course of action.
Staff-Nuc-Crs-Action-Rec'md					
		alias: main name--Staff-Nuc-COA-R'mendation			
Staff-Nuc-Crs-Rec'md					
		alias: main name--Staff-Nuc-COA-R'mendation			
Staff-Subord-Hq-Pk-'-Prep-Time	data structure				
		Ord-Plan-Prep-Time			
		Time-Avail-for-Plan-Prep			
		Rehearsal-Time			
		Planning-Time-Schedule			
		Sub-Unit-Plan-Time			
		Sub-Unit-Prep-Time			
		Decision-Cycle-Time	None		
			None		Staff and Subordinate Headquarters Planning and Preparation

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Standard-Procedures	data structure	SOPs			
	Regulations		None	None	Standard Procedures. Actions to be taken under given circumstances. Such actions are common to all elements of an organization. Regulator actions are directive in nature.
Status-Reports	data structure	Sig-Unit-Stat-Rep Periodic-Stat-Rpts As-Reqd-Stat-Rpts CSS-Status-Rpts		None	Status Reports. Reports designed to provide information concerning the availability and readiness of personnel and equipment.
Status-Situation-Reports	alias: main name--Situation-Status-Reports				Situation and Status Reports.
Std-Comms-Records-Rpts-P'dures	data structure	TBD	None	None	Standard Communications Records and Reports Procedures.
Staff-Anal-of-NWpns-Spt-Crs-Act	data structure	Facis-A'smp-Rigrd-Emr Alt-Nuc-Wpns-Spt-Crs-Action C Pare-Alt-Nuc-Spt-Crs-Action None		None	Standardized procedures for recording and reporting communications activities and status.

DNA DATA DICTIONARY

NAME	DATA	COMPONENTS	ALIASES	RELATED DATA	REMARKS
ST-Nuc-COA-R'mer data					various courses of action which involve the use of nuclear weapons.
ST-Nuc-COA-R'mer data alias: main name--Staff-Nuc-COA-R'mendation					Staff Nuclear Course of Action Recommendation.
ST-Prior-of-NWpns-Spt-COA					
		data structure			
		G1-Prior-NW-Spt-COA			
		G2-Prior-NW-Spt-COA			
		G3-Prior-NW-Spt-COA			
		G4-Prior-NW-Spt-COA			
		G5-Prior-NW-Spt-COA			
		FSCOORD-Prior-NW-Spt-COA			
		None	None		Staff Prioritization of Nuclear Weapons-Supported Course of Action. A supportability ranking of COA by individual staff officers. E.g. the G4 will rank, as highest, the COA which is most readily supported with available logistics resources.
STRIKEWARN-Msg					
		data structure			
		TBD	None		STRIKEWARN Message. Standard warning messages
					STANAG 2104. Provides warning of impending nuclear attack.
					It is issued by the executing command to units which may be effected by the strike and whose soldiers are required to take protective action.
STRIKEWARN-Times					
		data structure			
		Fri-Urt-Prot-Prep-Time			
		Tgt-Rx-Caps	None		STRIKEWARN Times. Line DELTA OF THE STRIKEWARN message. It provides the strike (pulse) start and end date/time for a multiple weapons strike. For a single weapon strike, it provides the date/time of the strike and the date/time after which the strike will be cancelled.
STRIKEWARN					
					alias: main name--STRIKEWARN-Msg

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Sub-CSS-Unit-Status-Rpt	data structure	TBD	None	Subordinate Combat Service Support Unit Status Reports.	Reports which receive summary information concerning the readiness and availability of CSS units.
Sub-Del-Unit-Sit-Rpt	data structure	TBD	None	Subordinate Delivery Unit Situation Report. Reports which provide summary information regarding the delivery unit's location and activity.	
Sub-Del-Unit-Status-Rpt	alias; main name-Sub-Nuc-Del-Unit-Status-Rpt			Subordinate Delivery Unit Status Report.	
Sub-Mvr-Unit-Sit-Rpt	data structure	TBD	None	Subordinate Maneuver Unit Situation Report. Reports which provide summary information regarding the location and activity of maneuver units.	
Sub-Mvr-Unit-Status-Rpt	data structure	TBD	None	Subordinate Maneuver Unit Status Report. Reports which provide summary information concerning the readiness and availability of maneuver units.	
Sub-Nuc-Del-Unit-Status-Rpt	data structure	TBD	Sub-Del-Unit-Status-Rpt	Subordinate Delivery Unit Status Report. Reports which provide summary information concerning the readiness and availability of delivery units.	
Sub-Unit-Intell-Rpt	data structure	TBD			
			Curr-Enemy-Logs		

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Curr-Enmy-Activities					
Proj-Enmy-Activities					
Sub-Unit-Mvmt-Time					
Sub-Unit-Nuc-Emp-Req					
Sub-Unit-Plan-Time					
Sub-Unit-Prep-Time					
Sub-Unit-Mvmt-Rqmts					
Sub-Unit-Prep-Rqmts					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENT'S ALIASES	RELATED DATA	REMARKS
Subord-Orgn-Surv-Rqmts		None		Subordinate Organization Preparation Requirements. The preparations that a subordinate unit will have to make in order to perform in a forthcoming mission.
Subord-Orgn-Sup-Rqmts				
Subord-Orgn-Surv-Rqmts	data structure	TBD	None	Subordinate Organization Supply Requirements. The supplies required by a unit to support the accomplishment of a mission.
Subord-Orgn-Sup-Rqmts	data structure	TBD	None	Subordinate Organization Survivability Requirements. The factors governing survivability of subordinate units.
Subseq-Warn-Ord-Input				
Subseq-Warn-Ord-Input	data structure	TBD	None	Subsequent Warning Order Input. Input to the subsequent warning order which provides information to support the preparations of a subordinate unit which precedes the publication of an OPORD/OPLAN.
Summary-Of-Enmy-Sit				
Summary-Of-Enmy-Sit	data structure	TBD	None	Summary of the Enemy Situation. A portion of the intelligence summary (INTSUM) or estimate which describes the activity and disposition of the enemy force.
Suppl-Planning-Guid				
Suppl-Planning-Guid	data structure	TBD	None	Supplemental Planning Guidance. Additional commander's guidance which is provided to the staff following the commander's decision and concept.
Sur-Del-Nuc-R'scres-Avail-Plan				
Sur-Del-Nuc-R'scres-Avail-Plan	data structure			Sur-Nuc-Sys-Avail-Plan Sur-Delvd-Nuc-Wpn-Avail-Plan Sur-Del-Nuc-Res-Avail-Plan

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Sur-Del-Nuc-Res-Avail-Plan					
Sur-Del-Nuc-Wpn-Avail-Plan					
Sur-Nuc-Del-Sys-Caps					
Sur-Nuc-Del-Sys-Resp-Times					
Sur-Nuc-Sys-Avail-Plan					
Sur-Del-Nuc-Res-Av-Plng					
Sur-Del-Units-Fire					
Surf-Nuc-Del-Sys-Caps					

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
data structure					
TBD		Nuc-Sur-Del-Sys-Caps			
		None			Surface Nuclear Delivery System Capabilities. A list of the performance characteristic.. (i.e. speed, range, etc.) of ground force nuclear delivery systems.
Sur-Nuc-Sys-Resp-Times					
data structure		TBD			
		None			Surface Nuclear Delivery System Response Times. The time required after receipt of an execution order for a surface delivery system to complete preparations and deliver a nuclear weapon.
Surface-Conditions					
data structure		TBD			
		None			Surface Conditions. The nature of the materials that comprise the surface over which the nuclear weapon is detonated. Ideal surfaces, such as, ice reflect most of the blast and thermal energy released in the explosion. Non-ideal surfaces, such as, low thick vegetation absorb a great deal of blast and thermal energy.
SW-Alfa					
basic data		TBD			
		None			STRIKEWARN Line ALFA. Part of a formatted STRIKEWARN message. Codeword indicating nuclear strike. For a multiple strike, includes the selective employment plan. For a single strike, includes the target number.
SW-Delta					
basic data		TBD			
		None			STRIKEWARN Line DELTA. Part of a formatted STRIKEWARN message. For a multiple strike, date/time group strike will start followed by the date/time group the strike will end. For a single strike, date/time group of the strike, followed by the date/time group after which the strike will be cancelled. Use Zulu time.
SW-Foxtrot-1					

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
basic data	TBD	None	None	STRIKEWARN Line FOXTRCT-1.	Part of a formatted STRIKEWARN message. For a multiple strike, the six digit UTM grid coordinates of the MSD 1 box. For a single strike, MSD 1 box. For a single strike, MSD 1 in hundreds of meters followed by the six digit UTM grid coordinates of either ground zero (GZ) or desired ground zero (DGZ). If more than one MSD is to be included in the STRIKEWARN, GZ or DGZ will be included only in the FOXTRCT-1 line.
SW-Foxtrot-2	basic data	TBD	None	STRIKEWARN Line FOXTROX-2.	Part of a formatted STRIKEWARN message. For a multiple strike, the six digit UTM grid coordinates of the MSD 2 box. For a single strike, MSD 2 in hundreds of meters followed by the six digit UTM grid coordinates of either GZ or DGZ.
SW-Foxtrot-3	basic data	TBD	None	STRIKEWARN Line FOXTROT-3.	Part of a formatted STRIKEWARN message. For a multiple strike, the six digit UTM grid coordinates of the MSD 3 box. For a single strike, MSD 3 in hundreds of meters followed by the six digit UTM grid coordinates of either GZ or DGZ.
SW-Hotel	basic data	TBD	None	STRIKEWARN Line HOTEL.	Part of a formatted STRIKEWARN message. If one or more bursts has less than a 99% assurance of being an airburst or is a scheduled surface or subsurface burst, indicate surface, preceded by the total number of surface and/or subsurface bursts. If only one burst is surface, the number need not be sent. If all airbursts, do not transmit this line.
SW-India	basic data	TBD	None	STRIKEWARN Line INDIA.	Part of a formatted STRIKEWARN message. Number of bursts in a multiple strike. If a single

UNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Sys-Initialization-Data	data store	TBD	None	System Initialization Data. All of the information necessary to initialize the nuclear weapons employment planning process.	
TAC-SOP-App-Consol-PkgSubpkg	data structure	TBD	None	Tactical SOP on Approval and Consolidation of Nuclear Packages/Subpackages. Unit level guidance outlining the procedures which are to be followed in securing approval for nuclear packages/subpackages. It also provides a methodology for consolidation of subordinate unit subpackages.	
TAC-SOP-As-Reqd-Submissions	data structure	TBD	None	Tactical SOP on As Required Report Submissions. Unit standardized guidance which outlines formats and transmission requirements for reports which are to be submitted based on situational factors.	
TAC-SOP-Authen-Procedures	data structure	TBD	None	Tactical SOP on Authentication Procedures. Unit level guidance regarding authentication requirements, procedures, and systems in use.	
TAC-SOP-Commo-Means-TAC-Sit	data structure	TAC-SOP-Use-Commo-TAC-Sit	None	Tactical SOP on the Use of Communications Modes in Certain Tactical Situations. Unit level guidance on the use of tactical communications systems available to the unit. It disciplines the communications process and restricts the use of certain communications means.	
TAC-SOP-Commo-Modes-TAC-Sit	data structure	TBD	None	Tactical SOP on the Use of Communications Means in Certain	

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
TAC-SOP-Convl-Rad-Net-Req	data structure	TBD		Tactical Situations. Unit level guidance on the use of tactical communications systems available to the unit. It disciplines the communications process and restricts the use of certain communications means.	
TAC-SOP-Crit-Issue-Wng-Msgs	data structure	TBD	None	Tactical SOP on Criteria for Issue of Warning Messages. Unit level guidance concerning when warning messages will be issued; who is responsible and authorized to issue them; and which communications means and mode will be used.	
TAC-SOP-Emission-Sec	data structure	TBD	None	Tactical SOP on Emission Security. Unit level guidance which outlines the procedures to be followed in the reduction and disguise of emissions associated with operations.	
TAC-SOP-Fallout-Prec	data structure	TBD	None	Tactical SOP on Fallout Precclusion. Unit level guidance used in nuclear planning which establishes fallout precclusion norms.	
TAC-SOP-Info-Maint	data structure	Tac-SOP-Info-Ret-Rqmts	None	Tactical SOP on Information Maintenance. Unit level guidance which outlines the processes and procedures used to update and store information for planning and control.	
TAC-SOP-Info-Recd'g-P'dures	data structure	TBD	None	Tactical SOP on Information Recording Procedures. Unit level guidance outlining the methods used to record information	

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
TAC-SOP-Info-Rqmts	data structure	TBD	None	Tactical SOP on Information Request Formats.	Unit level guidance used to specify the formats for requesting specific types of information.
TAC-SOP-Info-Ret-Rqmts	data structure	TBD	None	Tactical SOP on Information Retention Requirements.	Unit level guidance which defines the types of information which is to be retained as part of the unit specific data base.
TAC-SOP-Nuc-Emp-ReqAuth-Pdures	data structure	TBD	TAC-SOP-Nuc-Emp-ReqAuth-Proc	Tactical SOP on Nuclear Employment Request/Authorization Procedures.	Unit level guidance which outlines procedures which must be followed to request or authorize the employment of nuclear weapons.
TAC-SOP-Nuc-Emp-ReqAuth-Pdures	alias; main name-- TAC-SOP-Nuc-Emp-ReqAuth-Proc	TBD	None	Tactical SOP on Nuclear Employment Request/Authorization Procedures.	
TAC-SOP-Nuc-Msg-Formats	data structure	TBD	None	Tactical SOP on Nuclear Message Formats.	Unit level guidance which provides the approved formats supporting the transmission of information regarding nuclear weapons and nuclear operations.
TAC-SOP-Nuc-Tgt-Damage-Crit	data structure	TBD	None	Tactical SOP on Nuclear Target Damage Criteria.	Unit level guidance concerning acceptable levels of target damage to various types of targets to support preliminary nuclear

DNA DATA DICTIONARY

NAME	DATA	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	TYPE			DATA	
					planning activities.

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
TAC-SOP-Nuc-Wpns-Empl					
	data structure	TAC-SOP-Tgtg-P'dures			
		Tac-SOP-Nuc-Emp-ReqAuth-P'dures			
		Tac-SOP-Fallout-Precl			
		Tac-SOP-Nuc-Tgt-Damage-Crit			
		Tac-SOP-Prep-Nuc-Pkg-Subpkq			
		Tac-SOP-Apv-Consol-PkgSubpkq			
		Tac-SOP-Sit-Resp-Op-Dev-Coord	None		Tactical SCP on Nuclear Weapons Employment. Unit level guidance which specifies procedures which will routinely govern nuclear weapons employment planning.
TAC-SOP-on-Commo					
	data structure	Tac-SOP-Commo-Means-Tac-Sit			
		Tac-SOP-on-Standard-Radio-Nets			
		Tac-SOP-Nuc-Msg-Formats			
		Tac-SOP-Authen-Procedures			
		Tac-SOP-Emission-Sec			
		Sid-Comms-Records-Rpts-P'dures			
		TAC-SOP-Info-Recd'g-P'dures			
		Tac-SOP-Info-Reqs-Formats			
		Tac-SOP-Info-Maint			
		Tac-SOP-Commo-Modes-Tac-Sit	None		Tactical SOP on Communications. Developed at each echelon/unit with communications capabilities; contains the sorts of information listed under components.
TAC-SOP-on-Plan-Ord-Devel					
	data structure	Tac-SOP-Sit-Resp-Op-Dev-Coord			
		Tac-SOP-Op-Sec-Reqmts			
		Tac-SOP-Op-Formats			
		TAC-SOP-OP-Apv-P'dures			
		Tac-SOP-Op-Prep-Times			
		TAC-SOP-on-Plan-Ord-Prep			
		TAC-SOP-on-Plans-Ord-Devel	None		Tactical SOP on Plans and Orders Development. Developed at each echelon/unit that develops plans/orders; contains the

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
TAC-SOP-on-Plan-Ord-Prep					sorts of information listed under components.
alias; main name--TAC-SOP-on-Plan-Ord-Devel					Tactical SOP on Plans and Orders Preparation.
TAC-SOP-on-Plans-Ord-Devel					Tactical SOP on Plans and Orders Development.
TAC-SOP-on-Standard-Radio-Nets					
data structure		Tac-SOP-Std-Rad-Nets-NW-Comms			
		Tac-SOP-Conv-Rad-Net-Req			
		None	None		Tactical SOF on Standard Radio Nets. Developed at each echelon/ unit operating in standard radio nets.
TAC-SOP-OP-App-Procedures					
data structure		TBD	None		Tactical SOP Order/Plan Approval Procedures. Developed at each echelon/unit that develops orders and plans or that approves orders and plans.
TAC-SOP-OP-Formats					
data structure		TBD	None		Tactical SOP on Order/Plan Form. It is Developed at each echelon that is required to prepare orders and plans. A manner of insuring standardization.
TAC-SOP-OP-Prep-Times					
data structure		TBD	None		Tactical SOP on Order/Plan Preparation Times. Developed at each echelon that develops orders/plans. A standardization of the time it should take to prepare a given order/plan.
TAC-SOP-OP-Sec-Reqmts					
data structure		TBD	None		Tactical SOP on Order/Plan Security Requirements. Developed at each echelon/unit that is required to provide security for nuclear weapons. This will standardize procedures so all that

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
TAC-SOP-OPSEC	data structure	Tac-SOP-Phys-Sec-NWpns	None	Tac-SOP-Phys-Sec-NWpns	are involved will be able to accomplish tasks with a minimum of effort.
TAC-SOP-Phys-Sec-NWpns	data structure	TBD	None	Tactical SOP on the Physical Security of Nuclear Weapons. Developed at each echelon or unit that must provide security for nuclear weapons. Provides a way to standardize security procedure within a given command.	Tactical SOP on the Physical Security of Nuclear Weapons. Developed at each echelon or unit that must provide security for nuclear weapons. Provides a way to standardize security procedure within a given command.
TAC-SOP-Prep-Nuc-Pkg-Subpkg	data structure	TBD	None	TAC-SOP-Prep-Nuc-Pkg-Subpkg	Tactical SOP on the Preparation of Nuclear Packages/Subpackages. Developed at corps or division to aid in and simplify the procedures required to prepare packages.
TAC-SOP-Rep-Formats	data structure	TBD	None	TAC-SOP-Rep-Formats	Tactical SOP on Report Formats. Developed at each echelon that submits reports. It will standardize report formats for a unit and ease of preparation.
TAC-SOP-Rep-Freqs	data structure	TBD	None	TAC-SOP-Rep-Freqs	Tactical SOP on Report Frequencies. Developed at each echelon that submits reports. It will standardize how often particular reports are to be submitted.
TAC-SOP-Rep	data structure	TBD	None	TAC-SOP-Rep	Tac-SOP-Rep-Freqs Tac-SOP-Rep-Formats Tac-SOP-As-Reqd-Submissions

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	None	None	None	Tactical SOP on Reports.	Developed by each echelon/unit that prepares reports; contains the sorts of information listed under components.
TAC-SOP-Std-Nuc-Commo-Nets	TBD	data structure	None	Tactical SOP on Standard Nuclear Communications Nets.	Developed at each echelon required to maintain/operate communications equipment in support of nuclear operations.
TAC-SOP-Std-Rad-Nets-NW-Comms	TBD	data structure	None	Tactical SOP on Standard Radio Nets for Nuclear Weapons Communications.	Developed at each echelon required to monitor/operate in radio nets that will receive message traffic dealing with the employment of nuclear weapons.
TAC-SOP-Sit-Resp-OP-Dev-Coord	TBD	data structure	None	Tactical SOP on Staff Responsibilities for Order/Plan Development and Coordination.	Developed at each echelon or unit required to prepare orders or plans.
TAC-SOP-Tgtg-P'dures	TBD	data structure	None	Tactical SOP on Targeting Procedures.	Developed at each echelon that has the responsibility for developing targeting. Standardizes procedures for developing target lists and approval processes.
TAC-SOP-Use-CMM-Wng-Msgs	TBD	data structure	None	Tactical SOP on the Use of Communications Means/Modes for Warning Messages.	Developed at each echelon that has the responsibility for transmitting warning messages and selecting the means (radio) and mode (SINCGARS) to transmit the message.
TAC-SOP-Use-Commo-TAC-Sit					alias: main.name--TAC-SOP-Commo-Means-TAC-Sit

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
TAC-SOP-Warn-Msg-Fmats				Tactical SOP on the Use of Communications Means in Certain Tactical Situations.	
TAC-SOP-Warn-Msgs	data structure	TBD	None	Tactical SOP on Warning Message Formats. Developed at echelons/units that have the responsibility for preparing and transmitting warning messages.	
Tactical-SOP	data structure				
		Tac-SOP-Warn-Msg-Fmats			
		Tac-SOP-Crit-Issue-Wng-Msgs			
		Tac-SOP-Use-CMM-Wng-Msgs			
		None	None	Tactical SOP on Warning Messages. Developed at echelons and units that are responsible for preparing warning messages. Will standardize content of the message.	
Terrain	basic data	TBD	None	Terrain. A consideration in METT-T. Physical features of the land.	

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Terrain-Controlled-Diff					
data structure	TBD	None		Terrain Controlled Differential. The difference between what was desired to be gained from a nuclear weapon and what actually was gained (lost) in terms of terrain controlled by friendly forces.	
Terrain-Relief					
data structure	TBD	None		Terrain Relief. Contour of the land.	
Terrain-Weather-Anal					
data structure					
Effects-Terr-on-Comms					
Effects-Weather-on-Comms					
Wind-Conditions					
Precipitation					
Cloud-Conditions					
Vis-Conditions					
Vegetation					
Terrain-Relief					
Built-Up-Areas					
Surface Conditions					
Terrain-Weather-Analysis					
alias; main name--Terrain-Weather-Ana!					
Terrain and Weather Analysis					
Terrain and Weather Analysis					
Tct-Acq-Unit-Activities					
data structure	TBD	None		Target Acquisition Unit Activities. What a unit is engaged in at a given time.	
Tgt-Acq-Unit-Eqpmt-Status					
data structure	TBD	None		Target Acquisition Unit Equipment Status. State of the equipment in a target acquisition unit.	

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	ATTED DATA	REMARKS
Tgt-Acq-Unit-Locs	data structure	Tgt-Acq-Unit-Locs	TBD	None	Target Acquisition Unit Locations. Grid coordinate location.
Tgt-Acq-Unit-Pers-Status	data structure	Tgt-Acq-Unit-Pers-Status	TBD	None	Target Acquisition Unit Personnel Status. Availability/capability of personnel in the target acquisition unit.
Tgt-Acq-Unit-Sit-Rpts	data structure	Tgt-Acq-Unit-Sit-Rpts	TBD	None	Target Acquisition Units Situation Reports. Reports concerning the locations and activities of target acquisition units.
Tgt-Acq-Unit-Stat-Rpts	data structure	Tgt-Acq-Unit-Stat-Rpts	TBD	None	Target Acquisition Units Status Reports. Reports on the personnel and equipment conditions of target acquisition units.
Tgt-Atk-Coord-Info	data structure	Tgt-Atk-Coord-Info	TBD	None	Target Attack Coordination Information. Data required to coordinate nuclear employment operations.
Tgt-Atk-Time-Frames	data structure	Tgt-Atk-Time-Frames	TBD	None	Target Attack Time Frames. Times established when a specific target or target set can be attacked with nuclear weapons.
Tgt-Attack-Coord-Info					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
alias_main_name--Tgt-Atk-Coord-Info					Target Attack Coordination Information.
Tgt-Behavior-Mod-Diff					
	data structure	TBD	None	None	Target Behavior Modification Differential. The difference between the desired and the actual modification of a target's behavior after a nuclear strike.
Tgt-Dam-Contrib-Conv-Wpns					
	data structure	TBD	None	None	Target Damage Contribution of Conventional Weapons. The complement of damage to a target using only conventional weapons.
Tgt-Defeat-Crit					
	data structure	TBD	None	None	Target Defeat Criteria. the degree of damage required on a target in order to modify its behavior in the desired manner.
Tgt-Devel-Coord-Info					
	data structure	Sensors-D'nated-Dev-Nuc-Tgts Sensors-Avail-for-Tasking ID'd-Rqmts-for-Adrl-Sen-Spt			Target Development Coordination Information. Information required to develop targets for attack.
Tgt-Locations					
	data structure	TBD	None	None	Target Locations. Map locations of targets expressed as grid coordinates.
Tgt-No					
	basic d~ta	TBD	None	None	Target Number. An alphanumeric designator consisting of two letters and four numbers. The letters "I" and "O" are not used to prevent confusion with the numbers 1 and 0. The first letter is assigned by the corps; the second letter is assigned by division. The numerals of the target number are assigned by the brigade FSO to identify major fire planning agencies. Refer

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Tgt-Or'd-Nuc-Tgt-Anal					
data structure	TBD	None			Target-Oriented Nuclear Target Analysis. Used to select a wpn based on acquired tgt characteristics, delivery errors, and limiting reqmts. Usually, wpons optimizing effects while satisfying limiting reqmts are used. 3 techniques of tgt-oriented damage estimation: 1) visual; 2) index; 3) numerical.
Tgt-Rx-Caps					
data structure	TBD	None			Target Reaction Capabilities. The ability of a target to react to the interception of a STRIKEWARN message.
Tgts-D'nated-For-Nuc-Empl-Plan					
data structure					
Required-Tgt-Damage					
Nuc-Tgt-Description					
Tgt-Atk-Time-Frtr:as					
Nuc-Atk-Trigger-Events					
l'd'd-Tgt-Atk-Means					
l'd'd-Tgt-Development-Means					
Tgts-D'nated-Nuc-Empl-Plan					
None					Targets Designated for Nuclear Employment Planning. After evaluating all data available from a variety of sources these are the targets that more completely meet the commander's guidance and support the maneuver plan.
Tgts-D'nated-Nuc-Empl-Plan					
alias: main name-Tgts-D'nated-For-Nuc-Empl-Plan					
Time-Avail-Commo-Sys-Estab					
data structure	TBD	None			Time Available for Communications System Establishment.
					Time needed to establish a communications system to support combat operations.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Time-Avail-for-Plan-Prep					
data structure	TBD	None	None	Time Available for Planning and Preparation. The amount of time allocated or available to plan and prepare for an operation.	
Time-Csr-Plan-Eng-Nuc-Wpns					
data structure	TBD	None	None	Time Constraints on the Planning and Employment of Nuclear Weapons. Limitations on the amount of time available for planning and employing nuclear weapons in order to support a maneuver operation.	
Time-of-STRIKEWARN					
data structure	TBD	None	None	Time of the STRIKEWARN. The time this message is sent.	
Time-Zone					
basic data	TBD	None	Date-Time-Group	Time Zone. Designated by an alpha character following the time based on a 24 hour clock. World is divided into zones in order to control operations in various locations.	
Times-on-Tgt					
data structure	Eff-Wind-Tgt-Atk-Seq	None	Times on Target. The time of a coordinated attack by one or more fire support assets to arrive on a target at the same time.		
TOEs					
data structure	Num-Type-Radios-Asgn	None			
	Wire-Cable-Means-Asgn	None	Tables of Organization and Equipment. Documents that show numbers of people and pieces of equipment and where they are assigned within an organization.		
Trans-Unit-Equipmt-Status					
data structure					

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	TBD	None		Transportation Unit Equipment Status. Condition and availability of equipment in a transportation unit.	
Trans-Unit-Pers-Status					
data structure	TBD	None		Transportation Unit Personnel Status. Availability/capability of personnel in a transportation unit.	
Type-Com-Means-Req-NW-Comms					
data structure	TBD	None		Type of Communications Means Required for Nuclear Employment Communications. The means (radio) required to support communications needed for nuclear employment operations.	
Type-Com-Modes-Req-Nuc-Em-Com					
data structure	TBD	None		Types of Communications Modes Required for Nuclear Employment Communications. The modes required to support the communications needed for a nuclear attack.	
Type-of-Burst					
data structure	TBD	None		Type of Burst. Nuclear weapons bursts may be 'low airburst', 'high airburst', 'near surface burst', 'surface burst', or 'subsurface burst'.	
Unavail-Facts-Rvnt-NW-Empl					
data structure	TBD	None		Unavailable Facts Relevant to Nuclear Weapons Employment. Those missing facts for which assumptions must be made.	
Unit-PNL					
data structure	TBD	None		Unit Prescribed Nuclear Loads. A specified quantity and type of nuclear weapons carried by a delivery unit.	
Unit-PNL-Redistrib-P'dures					
data structure	TBD	None		Unit Prescribed Nuclear Load (PNL) Redistribution Procedures. Procedures established to redistribute nuclear resources.	

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Unit-to-Fire	data structure	Surf-Del-Units-Fire Air-Del-Res-Reqd	None	None	Units to Fire. A delivery unit designated to fire a nuclear weapon.
Vari-B'ween-Act-Des-Nuc-Eff	data structure	Outcomes-of-Nuc-Empl-Tasks Terrain-Controlled-Diff Enemy-Damage-Diff Friendly-Force-Loss-Diff Tgt-Behavior-Mod-Diff	None	None	Variance Between Actual and Desired Nuclear Situations. The result of comparing the actual to the desired nuclear weapons employment situation following the performance of one or more nuclear employment tasks.
Vegetation	data structure	TBD	None	None	Vegetation. Plant life in a given area of operations.
Vis-Conditions	data structure	TBD	None	None	Visibility Conditions. Weather conditions affecting the distance one can see. Usually expressed in meters, kilometers, or miles.
Vis-Enemy-Rx-Nuc-Emp	data structure	TBD	None	None	Visualization of Enemy Reaction to Nuclear Employment. When wargaming a nuclear attack to visualize their desired effects and the enemy reaction to the effects.
Vis-Nuc-Emp-Ea-COA	data structure	TBD	None	None	Visualization of Nuclear Employment in Each Course of Action. When planning a nuclear attack visualize the effects.

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Wait-Time-Matrix	data structure	TBD	None	Waiting Time Matrix.	Time required to wait between detonation of one nuclear weapon until another can be employed and avoid preinitiation.
Warning-Order	data structure	Initial-Warn-Ord-Input Subseq-Warn-Ord-Input	None	Warning Order.	Provides subordinate units advance notice of a contemplated action or order which is to follow.
Wind-Conditions	data structure	TBD	None	Wind Conditions.	Wind velocity in a given area of operations. Usually expressed in knots, miles or kilometers per hour.
Wire-Cable-Means-Asgn	data structure	TBD	None	Wire and Cable Means Assigned.	The wire and cable means assigned to a unit by a Table of Organization and Equipment.
Wpns-to-be-Empl	data structure	TBD	None	Weapons to be Employed.	Nuclear weapons to be employed in support of an operation. Normally designated in the approved package or subpackage.
Wpns-Yields-HOBs-Each-IDd-Tgt	data structure	TBD	None	Weapons, Yields, and Heights of Burst for Each Identified Target.	The target analyst's goal is to match the most appropriate nuclear weapon and its most effective yield to each target to be engaged to achieve the desired results using the smallest weapon yield.

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Year					
basic data	TBD	None	None	Year	A period of time measured by a calendar and consisting of 365 days.
Yield-Estimations					
data structure	TBD	None	None	Yield-Estimations	After a detonation, the size of the actual yield may be estimated in order to assess target damage.
Yield-R'strct-Empl-Nuc-Wpns					
data structure	TBD	None	None	Yield Restrictions on the Employment of Nuclear Weapons.	Restrictions on the size of weapons which may be employed.
Yield Sel-P'dures					
data structure	TBD	None	None	Yield Selection Procedures.	Based on analysis of the target and commander's guidance a yield is selected to achieve the required damage. Analysis procedures are outlined in FM 101-31-1.
Zone-1-MSD					
data structure	TBD	None	None	Zone-1 Minimum Safe Distance.	This is the radius associated with the limit of negligible risk to warned and protected personnel. Negligible risk should not be exceeded unless significant advantages will be gained: RES must be considered. A unit commander should immediately evacuate Zone 1; if he is unable to do so, he will immediately require maximum protection and report through his next higher headquarters to the executing commander.
Zone-2-MSD				Zone-2 Minimum Safe Distance.	This is the radius associated with the limit of negligible risk to warned and exposed personnel. Maximum protection is required which denotes that personnel are in closed up tanks or sheltered in foxholes with overhead shielding.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Zone-3-MSD					
	data structure	TBD	None	None	Zone-3 Minimum Safe Distance. This is the radius associated with the limit of negligible risk to unwarmed and exposed personnel. Minimum protection is required for ground forces which denotes that personnel are prone on open ground with skin areas covered and with an overall thermal protection at least equal to that provided by a two-layer uniform.
-					
Zone-4-MSD					
	data structure	TBD	None	None	Zone-4 Minimum Safe Distance. The zone radius is greater than the Zone-3 radius. No protective measures are needed except against dazzle and electromagnetic pulse.

DISTRIBUTION LIST

DNA-TR-90-33-V4

DEPARTMENT OF DEFENSE

DEFENSE INTELLIGENCE AGENCY
ATTN: RTS-2B

DEFENSE NUCLEAR AGENCY
4 CYS ATTN: TITL

DEFENSE TECHNICAL INFORMATION CENTER
ATTN: DTIC/FDAB

DEPARTMENT OF THE ARMY

DEP CH OF STAFF FOR OPS & PLANS
ATTN: DAMO-FDC/LTC GOOKINS

U S ARMY FIELD ARTILLERY SCHOOL
ATTN: ATSF-TSM

U S ARMY INTELLIGENCE CNTR & SCHOOL
ATTN: ATSI-CD (J ORDWAY)

U S ARMY LOGISTICS CENTER
ATTN: ATZL-S (BRIAN WOOD)

U S ARMY ORDNANCE CTR & SCHOOL
ATTN: ATSL-CCU (MR BILL GREEN)

U S ARMY SIGNAL CTR & FT GORDON
ATTN: ATZH-CDM (CSS BRANCH)

USACACDA
ATTN: ATZL-CAD N (MR WRIGHT)
ATTN: ATZL-TSM-MC
ATTN: TPIO-ATCCS (MR GLOVER)

DEPARTMENT OF DEFENSE CONTRACTORS

KAMAN SCIENCES CORP
ATTN: DASIA

KAMAN SCIENCES CORPORATION
ATTN: DASIA

LP&M ASSOCIATES
2 CYS ATTN: D R GLEASON
2 CYS ATTN: D W DOERFLER
2 CYS ATTN: L A WEST



Defense Special Weapons Agency
6801 Telegraph Road
Alexandria, Virginia 22310-3398

TRC

15 April 1997

MEMORANDUM FOR DEFENSE TECHNICAL INFORMATION CENTER
ATTN: OMI/MR. BILL BUSH

SUBJECT: Report Distribution Changes

The Defense Special Weapons Agency (Formerly Defense Nuclear Agency) has reviewed the following reports under FOIA actions:

DNA-TR-90-33-V1, AD-B150535
DNA-TR-90-33-V2, AD-B150536
DNA-TR-90-33-V3, AD-B150824
DNA-TR-90-33-V4, AD-B150825

Under FOIA action, these reports are approved for **public release**. Distribution statement "**A**" now applies.

Ardith Jarrett
ARDITH JARRETT
Chief, Technical Resource Center